

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122319\
 Data File : PR044096.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2019 12:37
 Operator : SM\AJ
 Sample : K6322-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 C0BT7

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 24 02:48:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121519CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Dec 16 06:15:17 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	4.696	3.955	88480310	235.3E6	22.137	21.318
2)	SA Decachlor...	10.593	9.039	107.4E6	219.2E6	22.504	21.730
Target Compounds							
3)	L1 AR-1016-1	5.872	5.046	4675719	10420606	29.427	30.198
4)	L1 AR-1016-2	5.896	5.098	9101560	5040143	40.043	10.478 #
5)	L1 AR-1016-3	5.964	5.243	5715180	4527146	42.496	20.774 #
6)	L1 AR-1016-4	6.058	5.284	3632318	10838815	32.164	60.036 #
7)	L1 AR-1016-5	6.351	5.527	3107610	4977143	27.507	21.065
9)	L2 AR-1221-2	5.006	4.259	4254228	8599496	157.094	105.403 #
10)	L2 AR-1221-3	5.071	4.330	5064315	8332093	51.636	29.863 #
11)	L3 AR-1232-1	5.071	4.330	5064315	8332093	63.204	36.108 #
12)	L3 AR-1232-2	5.604	5.098	7609720	5040143	172.265	23.148 #
13)	L3 AR-1232-3	5.896	5.243	9101560	4527146	95.354	47.749 #
14)	L3 AR-1232-4	6.058	5.359	3632318	18094926	77.605	208.972 #
15)	L3 AR-1232-5	6.145	5.527	4782365	4977143	139.682	50.616 #
16)	L4 AR-1242-1	5.896	5.066	9101560	14532192	71.936	50.512 #
17)	L4 AR-1242-2	5.896	5.098	9101560	5040143	50.228	12.746 #
18)	L4 AR-1242-3	5.964	5.243	5715180	4527146	52.641	23.820 #
19)	L4 AR-1242-4	6.058	5.359	3632318	18094926	40.232	98.973 #
20)	L4 AR-1242-5	6.798	5.854	6224908	82500560	56.662	278.119 #
21)	L5 AR-1248-1	5.872	5.046	4675719	10420606	46.689	45.290
22)	L5 AR-1248-2	6.145	5.284	4782365	10838815	34.882	41.424
23)	L5 AR-1248-3	6.351	5.327	3107610	10177404	19.658	38.442 #
24)	L5 AR-1248-4	6.798	5.527	6224908	4977143	32.058	14.957 #
25)	L5 AR-1248-5	6.798	5.854f	6224908	82500560	33.946	201.816 #
26)	L6 AR-1254-1	6.729	5.854	19663970	82500560	102.895	137.014 #
27)	L6 AR-1254-2	6.943	6.000	22579898	69221933	74.064	127.559 #
28)	L6 AR-1254-3	7.316	6.419	8034031	131.3E6	23.297	137.693 #
29)	L6 AR-1254-4	7.600	6.632	12141336	31638871	46.345	47.701
30)	L6 AR-1254-5	8.019	7.050	61752489	138.5E6	217.913	159.185 #
31)	L7 AR-1260-1	7.477	6.536	44041921	100.3E6	190.520	183.458
32)	L7 AR-1260-2	7.731	6.722	55845546	163.8E6	195.722	204.056
33)	L7 AR-1260-3	8.092	6.877	37608628	143.8E6	167.491	215.242 #
34)	L7 AR-1260-4	8.330	7.349	41786906	87619463	161.379	156.084
35)	L7 AR-1260-5	8.667	7.590	74190079	227.1E6	132.824	134.920
36)	L8 AR-1262-1	8.153	7.050	22672662	138.5E6	157.625	280.025 #
37)	L8 AR-1262-2	8.667	7.590	74190079	227.1E6	104.503	104.451
38)	L8 AR-1262-3	9.017	7.874	50273600	41295433	109.138	47.810 #
39)	L8 AR-1262-4	9.075f	7.939	37885841	120.6E6	111.105	84.821
40)	L8 AR-1262-5	9.792	8.452	11602335	39337236	48.327	61.531 #
41)	L9 AR-1268-1	9.017	7.874	50273600	41295433	62.431	16.889 #
42)	L9 AR-1268-2	9.075f	7.939	37885841	120.6E6	51.419	57.662

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 Acq On : 23 Dec 2019 12:37
 Operator : SM\AJ
 Sample : K6322-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

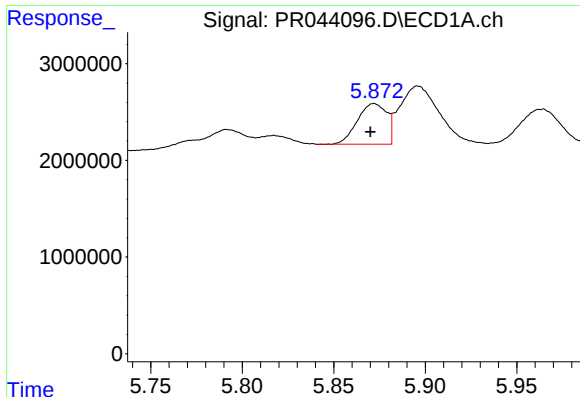
Instrument :
 ECD_R
 ClientSampleId :
 C0BT7

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 24 02:48:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121519CLP.M
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 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	8.148	0	10710890	N.D.	5.948 #
44) L9	AR-1268-4	9.792	8.452	11602335	39337236	43.856	55.823 #
45) L9	AR-1268-5	10.233	8.764	4980303	17467524	2.415	3.579 #

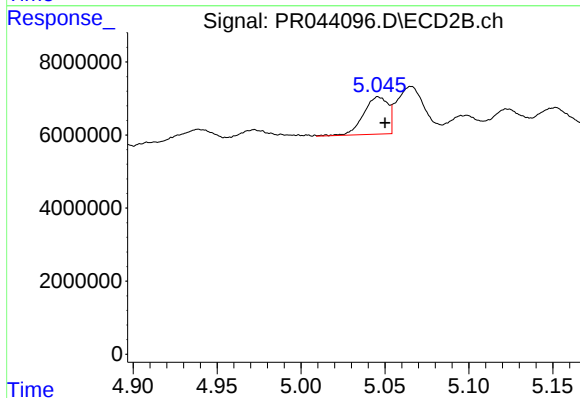
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

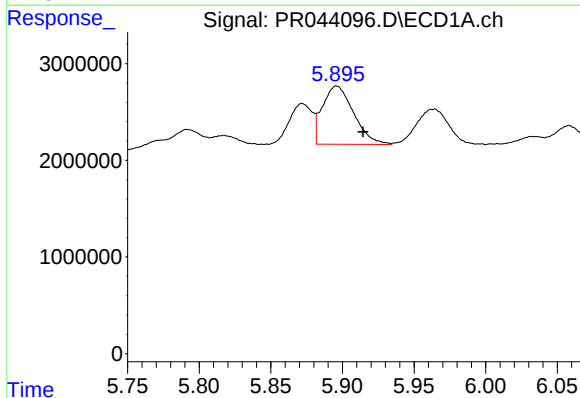
R.T.: 5.872 min
Delta R.T.: 0.002 min
Response: 4675719
Conc: 29.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0BT7



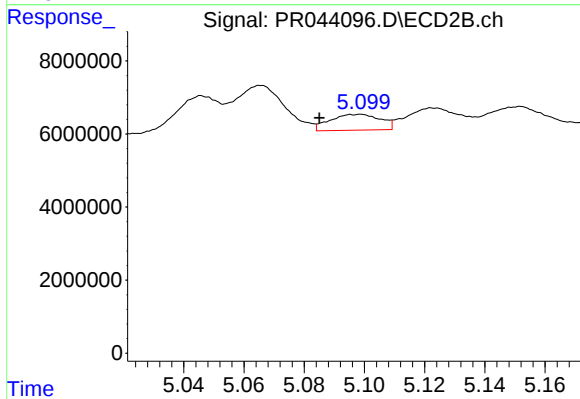
#3 AR-1016-1

R.T.: 5.046 min
Delta R.T.: -0.004 min
Response: 10420606
Conc: 30.20 ng/ml



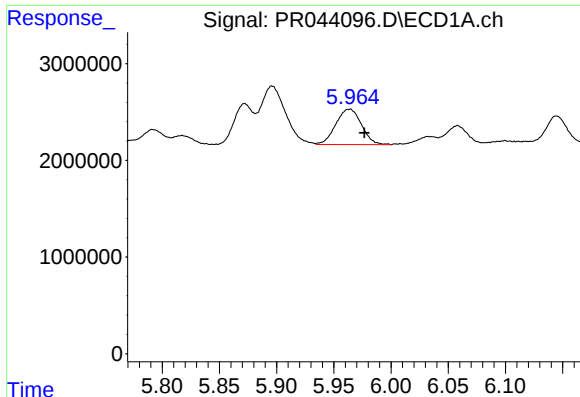
#4 AR-1016-2

R.T.: 5.896 min
Delta R.T.: -0.018 min
Response: 9101560
Conc: 40.04 ng/ml



#4 AR-1016-2

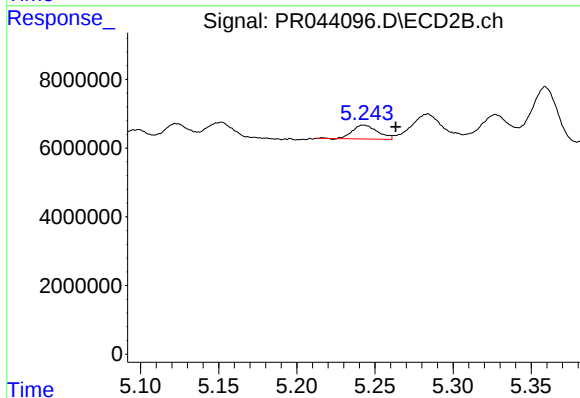
R.T.: 5.098 min
Delta R.T.: 0.013 min
Response: 5040143
Conc: 10.48 ng/ml



#5 AR-1016-3

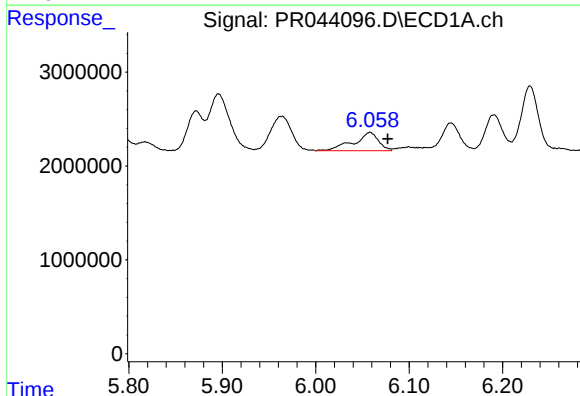
R.T.: 5.964 min
Delta R.T.: -0.013 min
Response: 5715180
Conc: 42.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0BT7



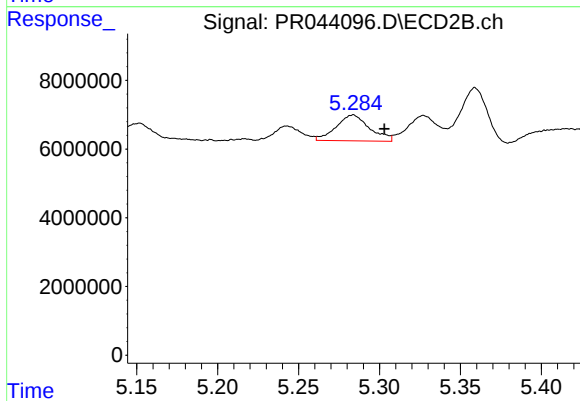
#5 AR-1016-3

R.T.: 5.243 min
Delta R.T.: -0.020 min
Response: 4527146
Conc: 20.77 ng/ml



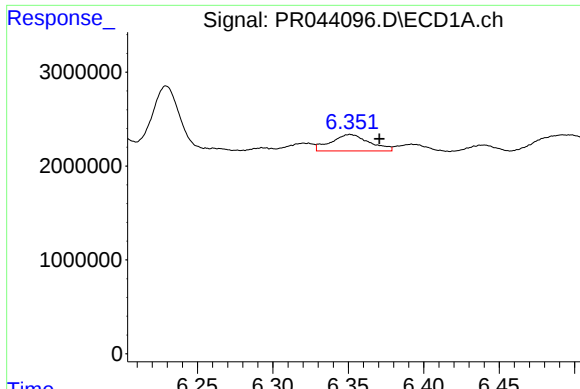
#6 AR-1016-4

R.T.: 6.058 min
Delta R.T.: -0.019 min
Response: 3632318
Conc: 32.16 ng/ml



#6 AR-1016-4

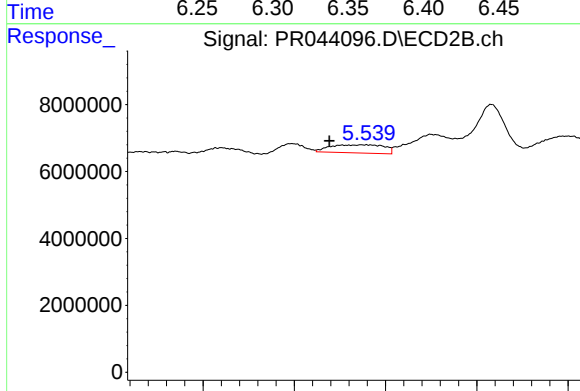
R.T.: 5.284 min
Delta R.T.: -0.019 min
Response: 10838815
Conc: 60.04 ng/ml



#7 AR-1016-5

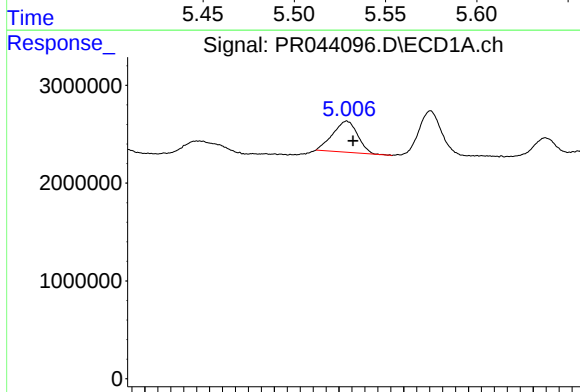
R.T.: 6.351 min
Delta R.T.: -0.019 min
Response: 3107610
Conc: 27.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0BT7



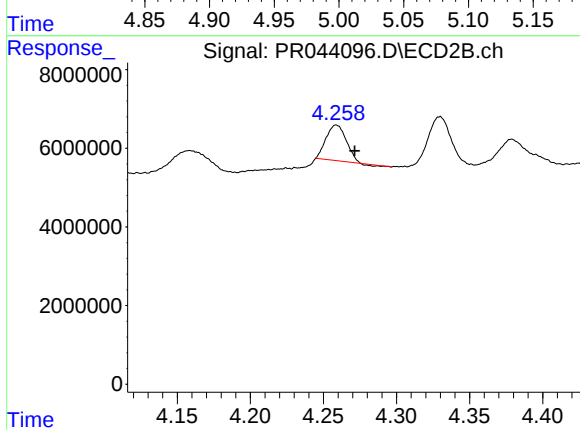
#7 AR-1016-5

R.T.: 5.527 min
Delta R.T.: 0.008 min
Response: 4977143
Conc: 21.07 ng/ml



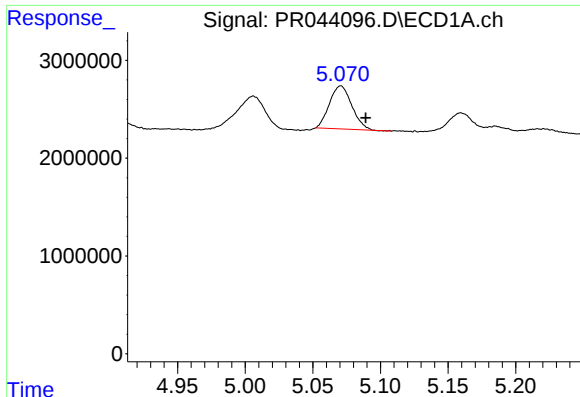
#9 AR-1221-2

R.T.: 5.006 min
Delta R.T.: -0.005 min
Response: 4254228
Conc: 157.09 ng/ml



#9 AR-1221-2

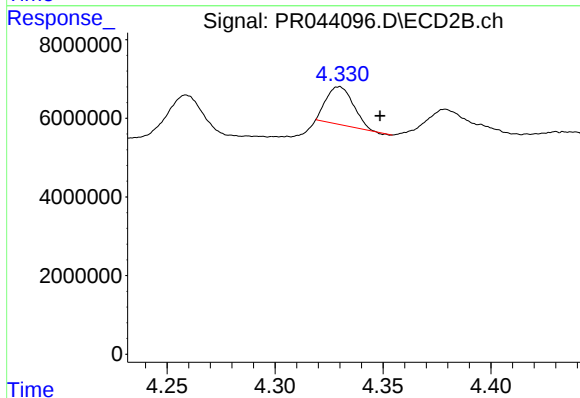
R.T.: 4.259 min
Delta R.T.: -0.013 min
Response: 8599496
Conc: 105.40 ng/ml



#10 AR-1221-3

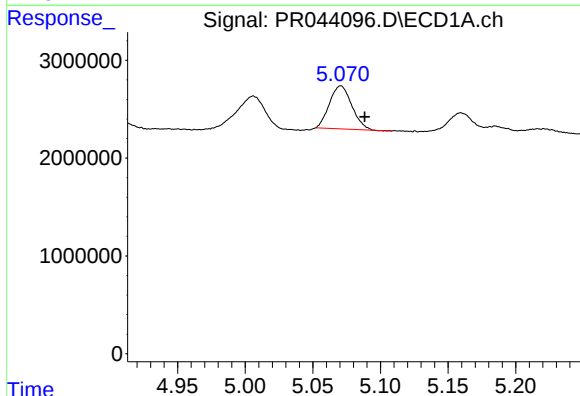
R.T.: 5.071 min
Delta R.T.: -0.018 min
Response: 5064315
Conc: 51.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0BT7



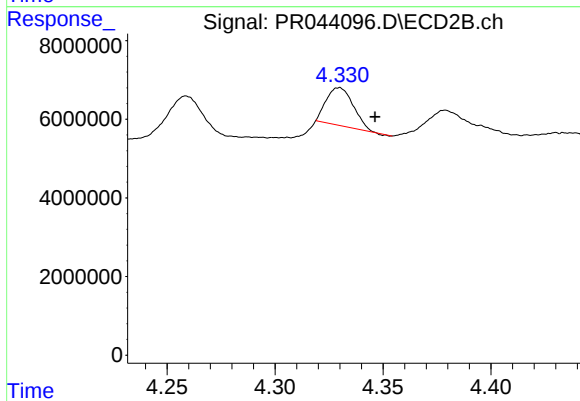
#10 AR-1221-3

R.T.: 4.330 min
Delta R.T.: -0.019 min
Response: 8332093
Conc: 29.86 ng/ml



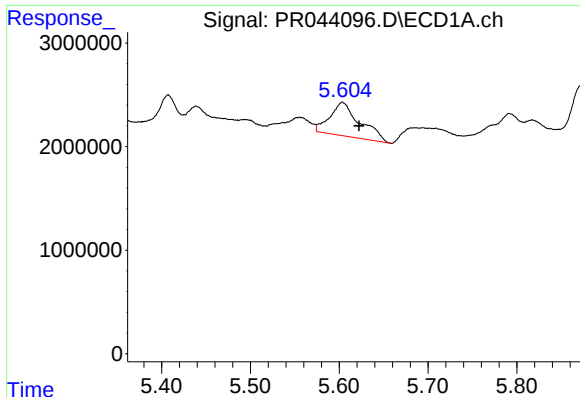
#11 AR-1232-1

R.T.: 5.071 min
Delta R.T.: -0.018 min
Response: 5064315
Conc: 63.20 ng/ml



#11 AR-1232-1

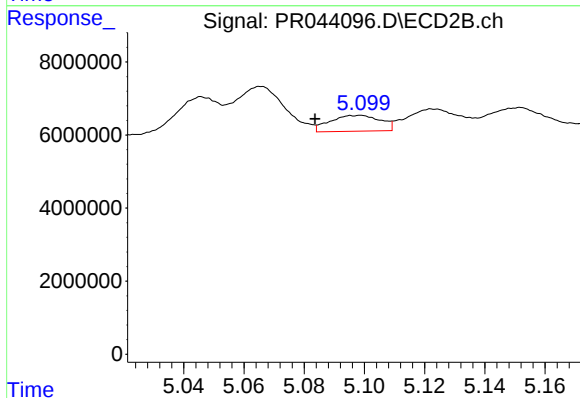
R.T.: 4.330 min
Delta R.T.: -0.017 min
Response: 8332093
Conc: 36.11 ng/ml



#12 AR-1232-2

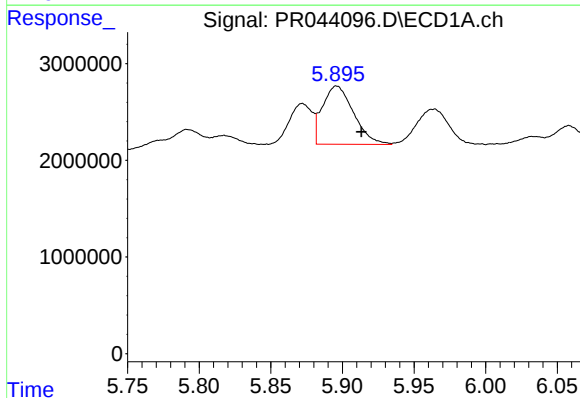
R.T.: 5.604 min
Delta R.T.: -0.019 min
Response: 7609720
Conc: 172.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0BT7



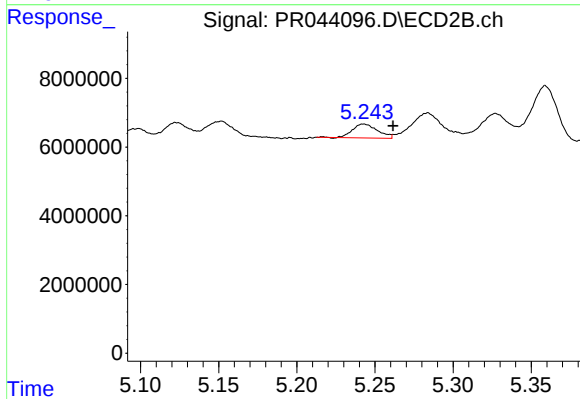
#12 AR-1232-2

R.T.: 5.098 min
Delta R.T.: 0.015 min
Response: 5040143
Conc: 23.15 ng/ml



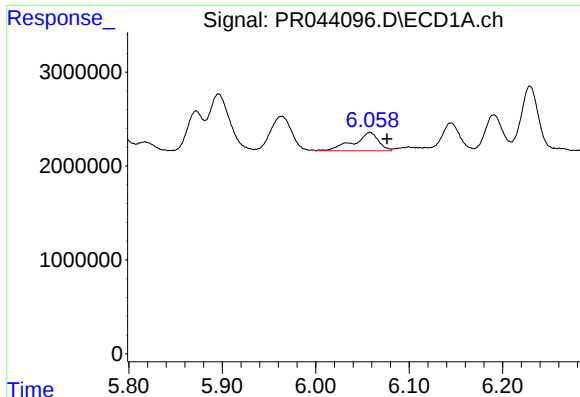
#13 AR-1232-3

R.T.: 5.896 min
Delta R.T.: -0.017 min
Response: 9101560
Conc: 95.35 ng/ml



#13 AR-1232-3

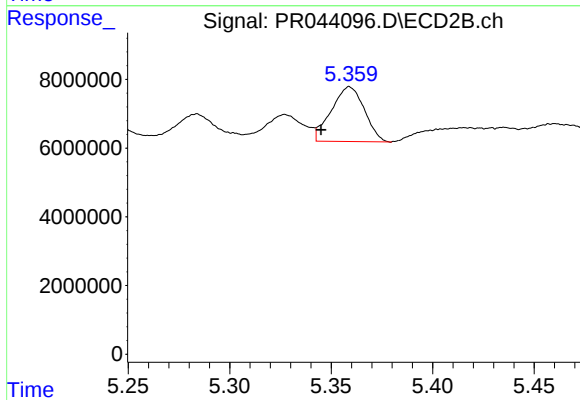
R.T.: 5.243 min
Delta R.T.: -0.019 min
Response: 4527146
Conc: 47.75 ng/ml



#14 AR-1232-4

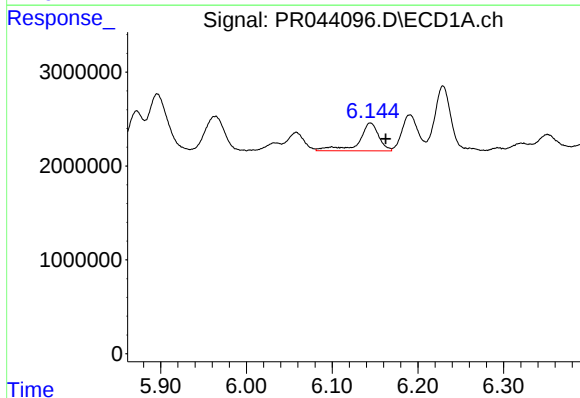
R.T.: 6.058 min
Delta R.T.: -0.018 min
Response: 3632318
Conc: 77.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0BT7



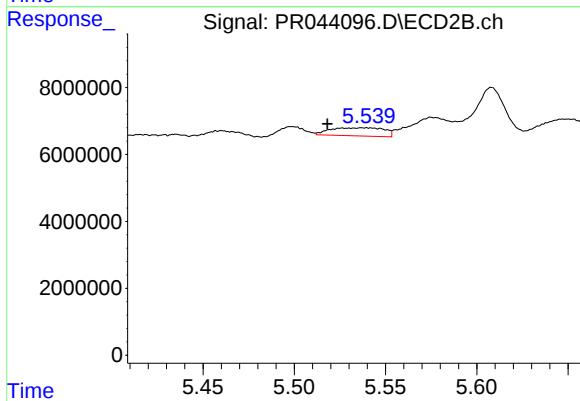
#14 AR-1232-4

R.T.: 5.359 min
Delta R.T.: 0.014 min
Response: 18094926
Conc: 208.97 ng/ml



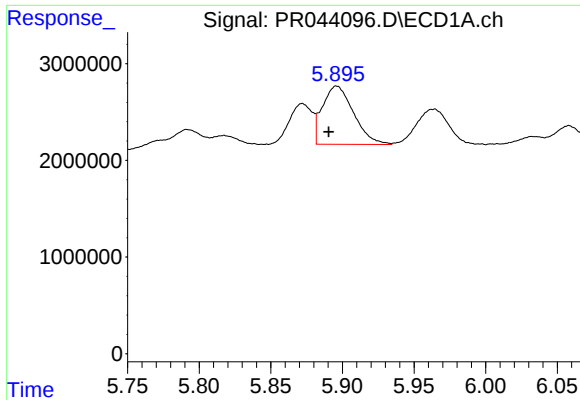
#15 AR-1232-5

R.T.: 6.145 min
Delta R.T.: -0.018 min
Response: 4782365
Conc: 139.68 ng/ml



#15 AR-1232-5

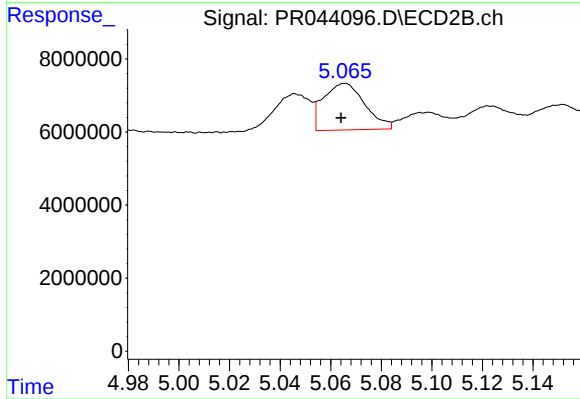
R.T.: 5.527 min
Delta R.T.: 0.009 min
Response: 4977143
Conc: 50.62 ng/ml



#16 AR-1242-1

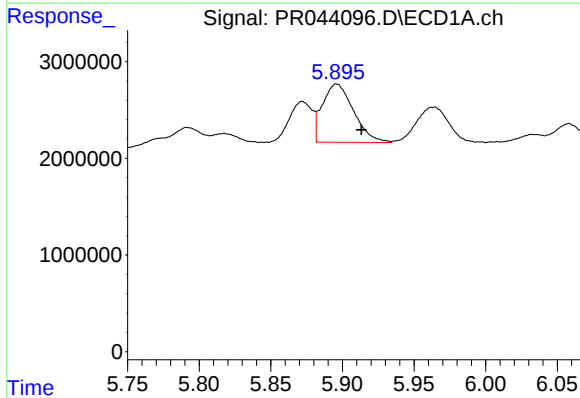
R.T.: 5.896 min
Delta R.T.: 0.006 min
Response: 9101560
Conc: 71.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0BT7



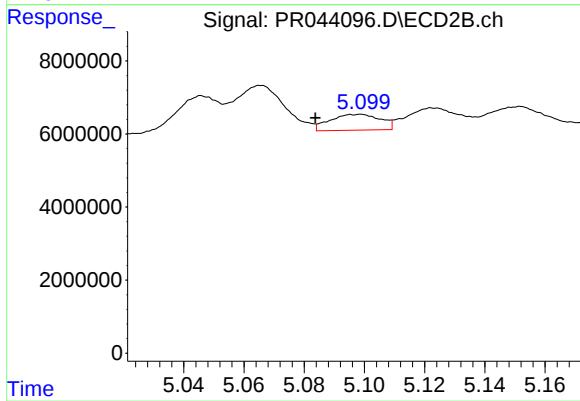
#16 AR-1242-1

R.T.: 5.066 min
Delta R.T.: 0.002 min
Response: 14532192
Conc: 50.51 ng/ml



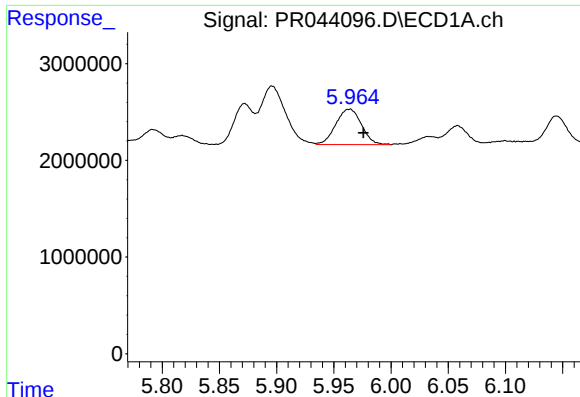
#17 AR-1242-2

R.T.: 5.896 min
Delta R.T.: -0.017 min
Response: 9101560
Conc: 50.23 ng/ml



#17 AR-1242-2

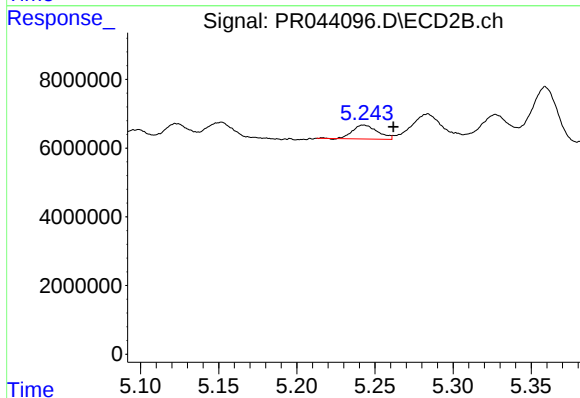
R.T.: 5.098 min
Delta R.T.: 0.015 min
Response: 5040143
Conc: 12.75 ng/ml



#18 AR-1242-3

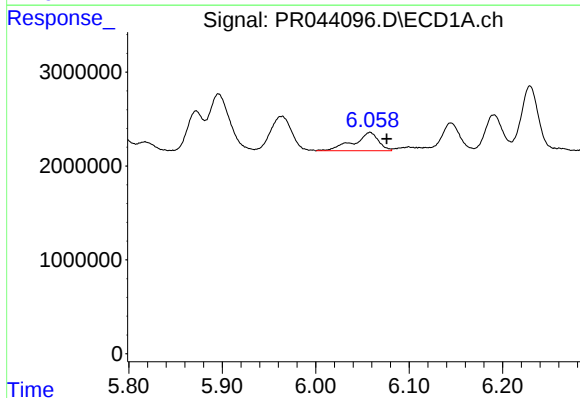
R.T.: 5.964 min
Delta R.T.: -0.012 min
Response: 5715180
Conc: 52.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0BT7



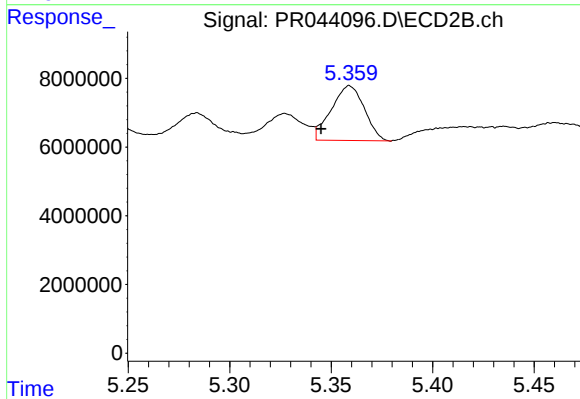
#18 AR-1242-3

R.T.: 5.243 min
Delta R.T.: -0.019 min
Response: 4527146
Conc: 23.82 ng/ml



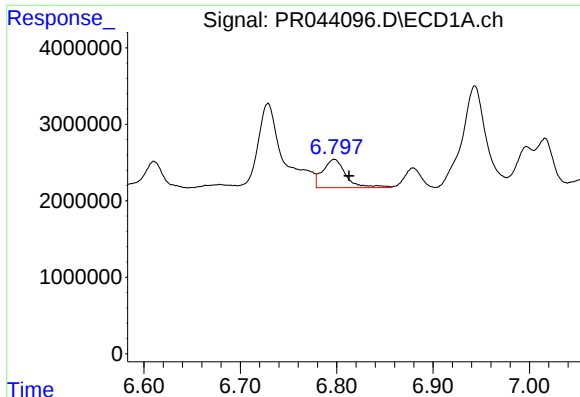
#19 AR-1242-4

R.T.: 6.058 min
Delta R.T.: -0.018 min
Response: 3632318
Conc: 40.23 ng/ml



#19 AR-1242-4

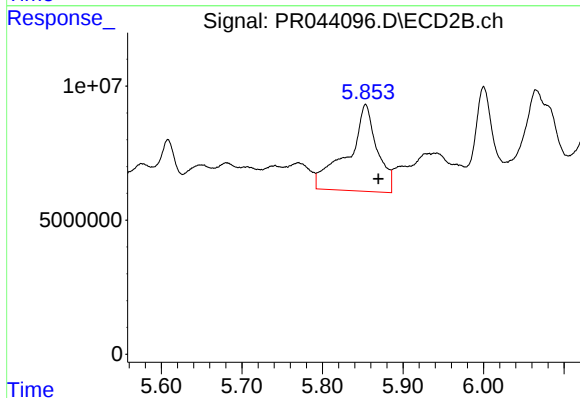
R.T.: 5.359 min
Delta R.T.: 0.014 min
Response: 18094926
Conc: 98.97 ng/ml



#20 AR-1242-5

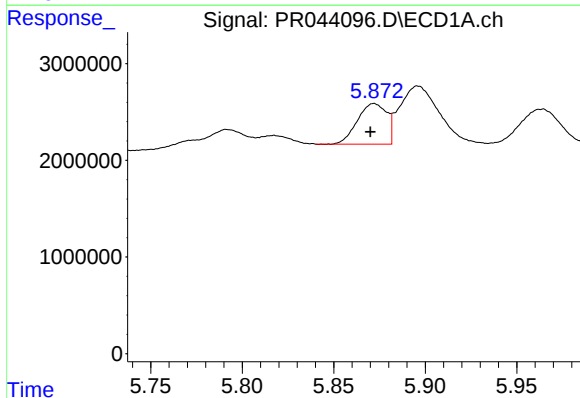
R.T.: 6.798 min
Delta R.T.: -0.015 min
Response: 6224908
Conc: 56.66 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0BT7



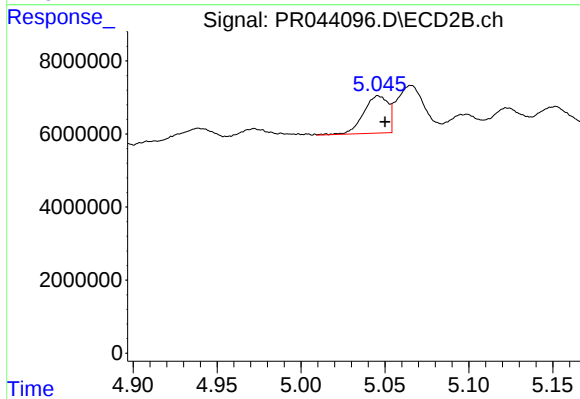
#20 AR-1242-5

R.T.: 5.854 min
Delta R.T.: -0.016 min
Response: 82500560
Conc: 278.12 ng/ml



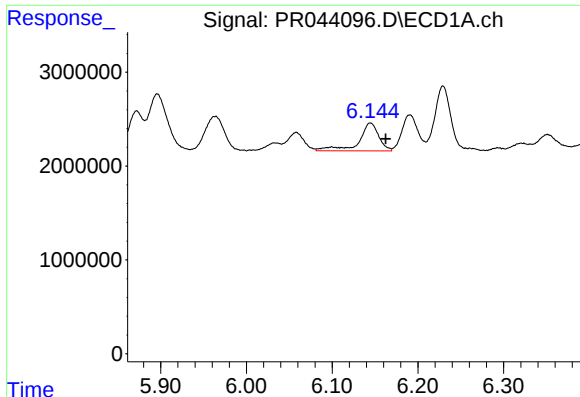
#21 AR-1248-1

R.T.: 5.872 min
Delta R.T.: 0.002 min
Response: 4675719
Conc: 46.69 ng/ml



#21 AR-1248-1

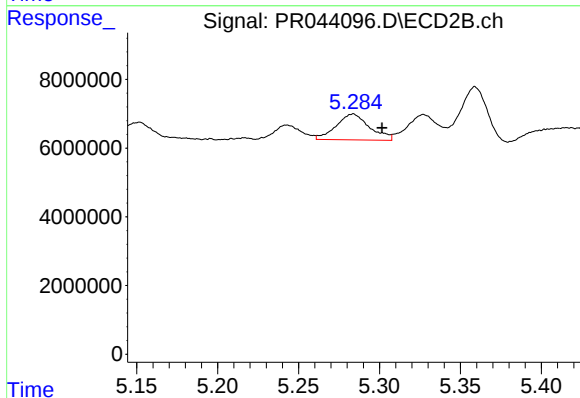
R.T.: 5.046 min
Delta R.T.: -0.004 min
Response: 10420606
Conc: 45.29 ng/ml



#22 AR-1248-2

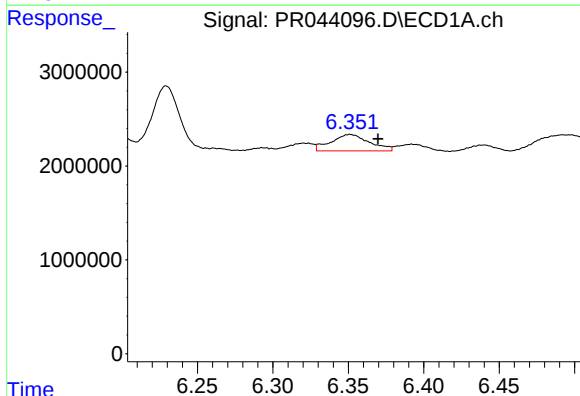
R.T.: 6.145 min
Delta R.T.: -0.018 min
Response: 4782365
Conc: 34.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0BT7



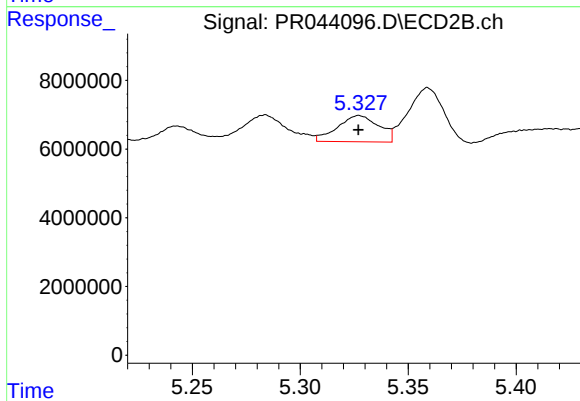
#22 AR-1248-2

R.T.: 5.284 min
Delta R.T.: -0.018 min
Response: 10838815
Conc: 41.42 ng/ml



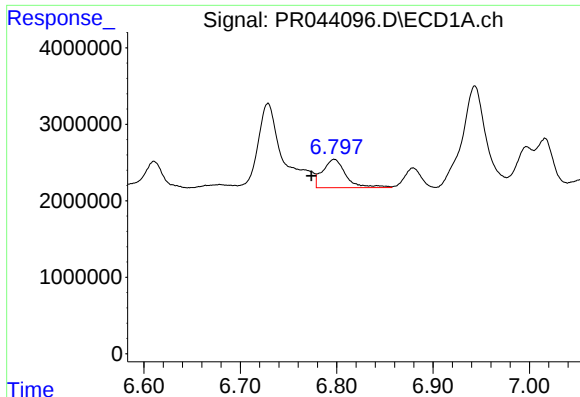
#23 AR-1248-3

R.T.: 6.351 min
Delta R.T.: -0.019 min
Response: 3107610
Conc: 19.66 ng/ml



#23 AR-1248-3

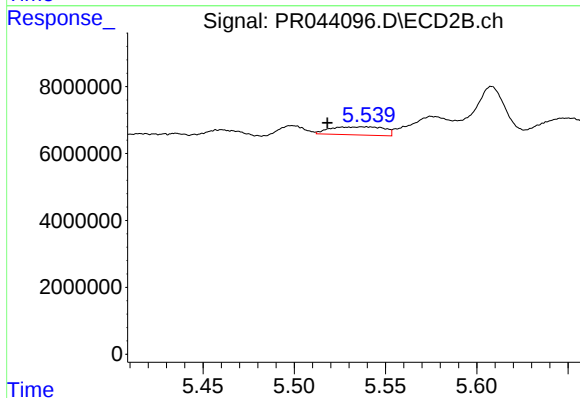
R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 10177404
Conc: 38.44 ng/ml



#24 AR-1248-4

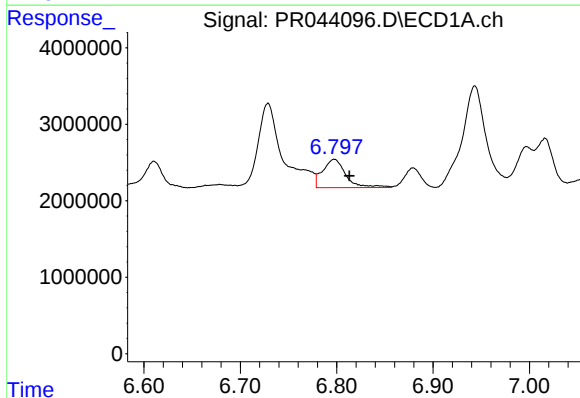
R.T.: 6.798 min
Delta R.T.: 0.024 min
Response: 6224908
Conc: 32.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0BT7



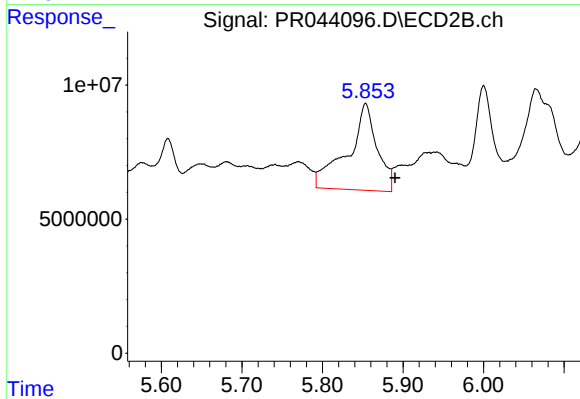
#24 AR-1248-4

R.T.: 5.527 min
Delta R.T.: 0.009 min
Response: 4977143
Conc: 14.96 ng/ml



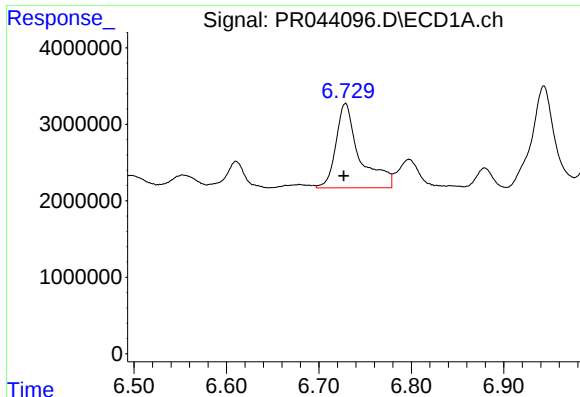
#25 AR-1248-5

R.T.: 6.798 min
Delta R.T.: -0.015 min
Response: 6224908
Conc: 33.95 ng/ml



#25 AR-1248-5

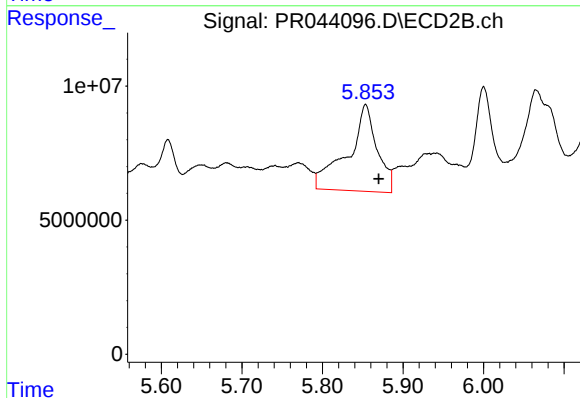
R.T.: 5.854 min
Delta R.T.: -0.036 min
Response: 82500560
Conc: 201.82 ng/ml



#26 AR-1254-1

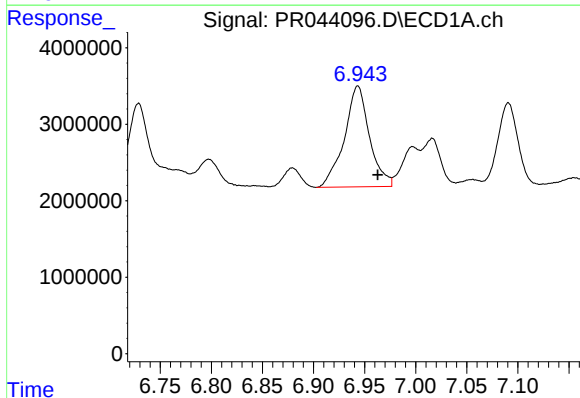
R.T.: 6.729 min
Delta R.T.: 0.002 min
Response: 19663970
Conc: 102.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0BT7



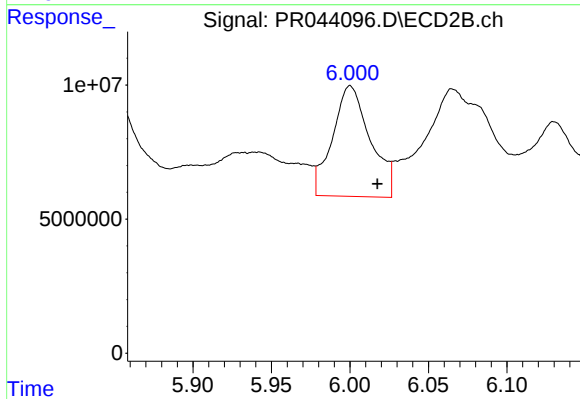
#26 AR-1254-1

R.T.: 5.854 min
Delta R.T.: -0.016 min
Response: 82500560
Conc: 137.01 ng/ml



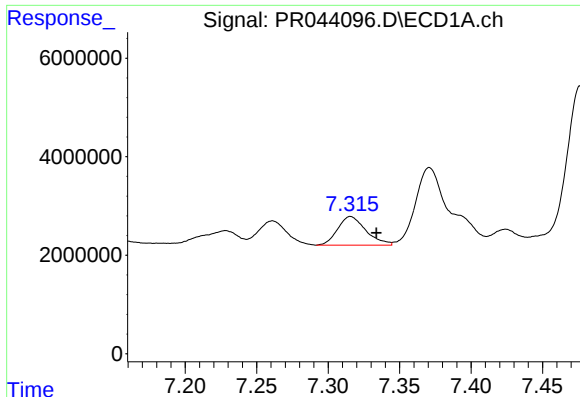
#27 AR-1254-2

R.T.: 6.943 min
Delta R.T.: -0.020 min
Response: 22579898
Conc: 74.06 ng/ml



#27 AR-1254-2

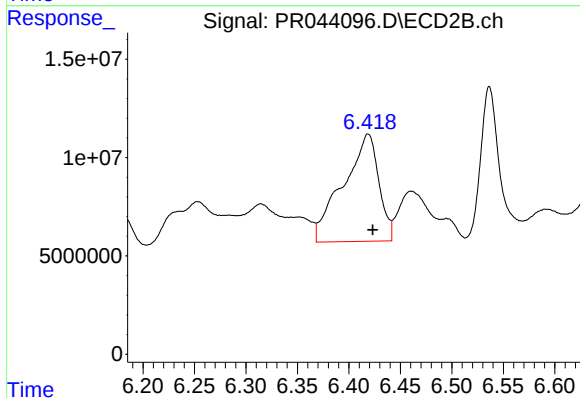
R.T.: 6.000 min
Delta R.T.: -0.017 min
Response: 69221933
Conc: 127.56 ng/ml



#28 AR-1254-3

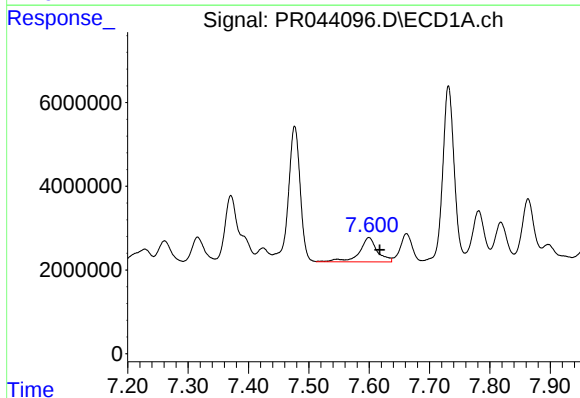
R.T.: 7.316 min
Delta R.T.: -0.018 min
Response: 8034031
Conc: 23.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0BT7



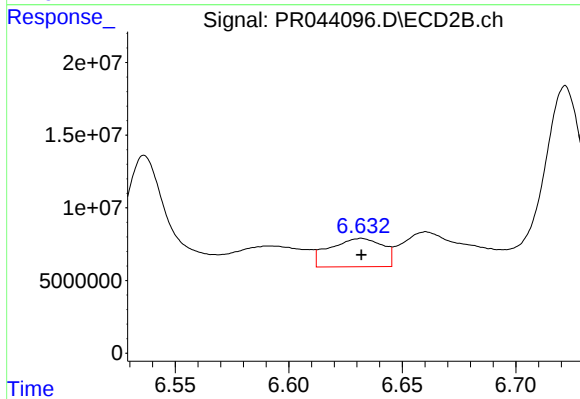
#28 AR-1254-3

R.T.: 6.419 min
Delta R.T.: -0.004 min
Response: 131277863
Conc: 137.69 ng/ml



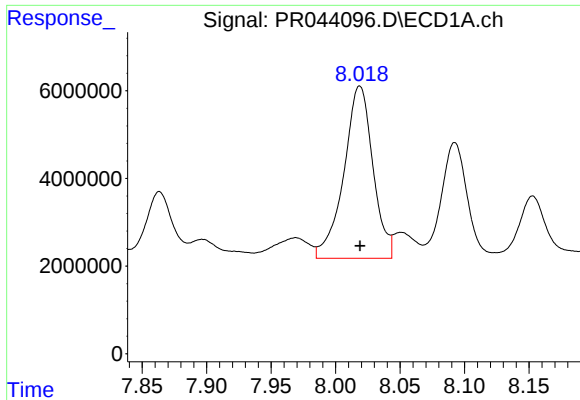
#29 AR-1254-4

R.T.: 7.600 min
Delta R.T.: -0.018 min
Response: 12141336
Conc: 46.34 ng/ml



#29 AR-1254-4

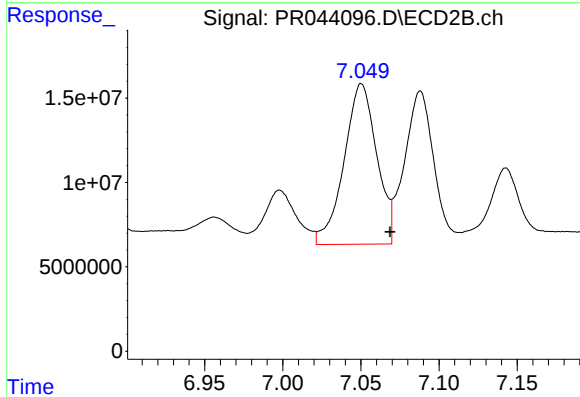
R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 31638871
Conc: 47.70 ng/ml



#30 AR-1254-5

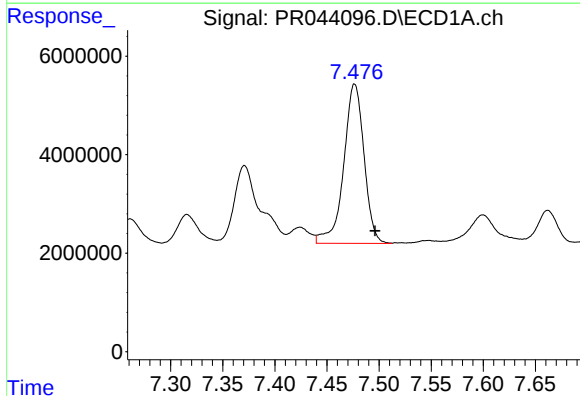
R.T.: 8.019 min
Delta R.T.: 0.000 min
Response: 61752489
Conc: 217.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0BT7



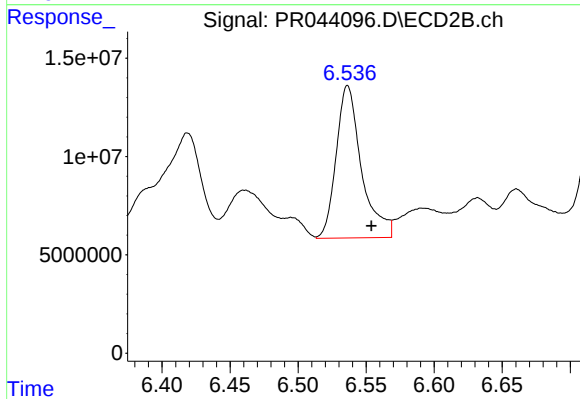
#30 AR-1254-5

R.T.: 7.050 min
Delta R.T.: -0.018 min
Response: 138522963
Conc: 159.18 ng/ml



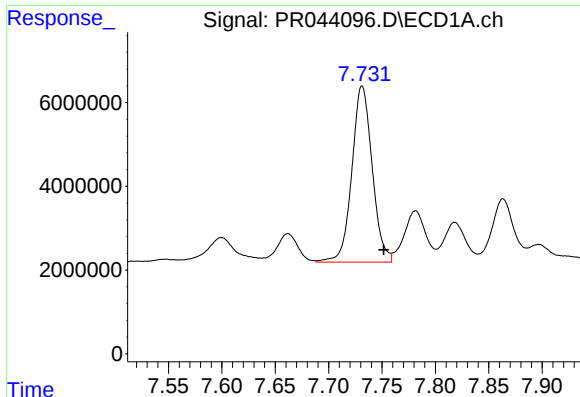
#31 AR-1260-1

R.T.: 7.477 min
Delta R.T.: -0.020 min
Response: 44041921
Conc: 190.52 ng/ml



#31 AR-1260-1

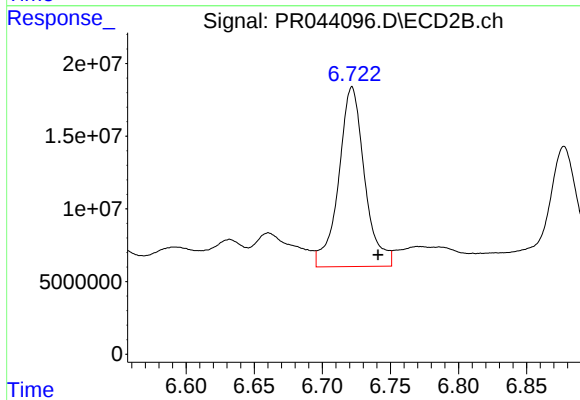
R.T.: 6.536 min
Delta R.T.: -0.017 min
Response: 100258927
Conc: 183.46 ng/ml



#32 AR-1260-2

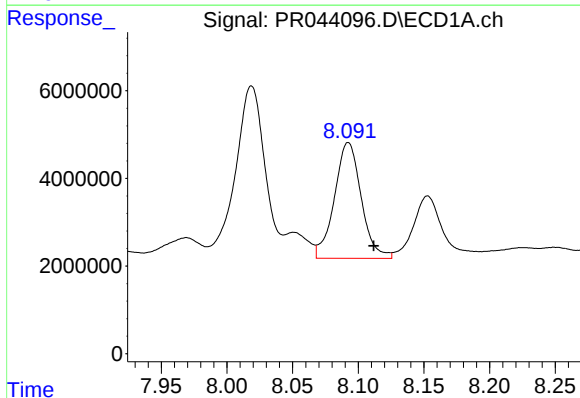
R.T.: 7.731 min
Delta R.T.: -0.020 min
Response: 55845546
Conc: 195.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0BT7



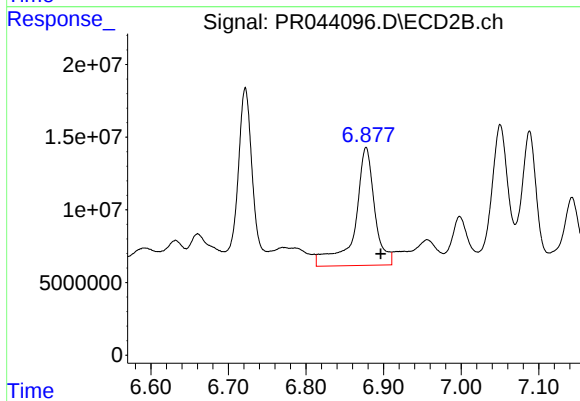
#32 AR-1260-2

R.T.: 6.722 min
Delta R.T.: -0.019 min
Response: 163762697
Conc: 204.06 ng/ml



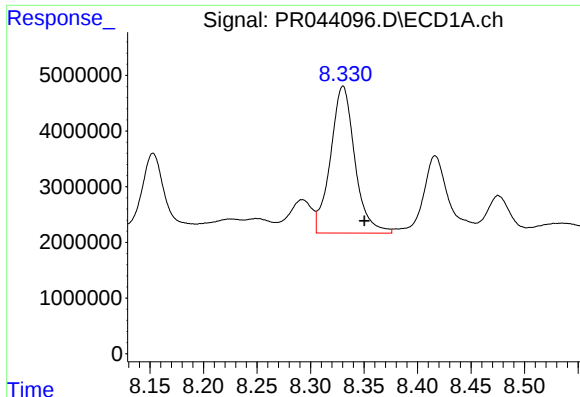
#33 AR-1260-3

R.T.: 8.092 min
Delta R.T.: -0.019 min
Response: 37608628
Conc: 167.49 ng/ml



#33 AR-1260-3

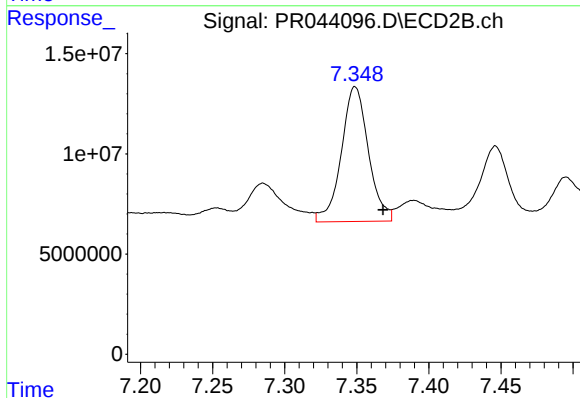
R.T.: 6.877 min
Delta R.T.: -0.019 min
Response: 143750832
Conc: 215.24 ng/ml



#34 AR-1260-4

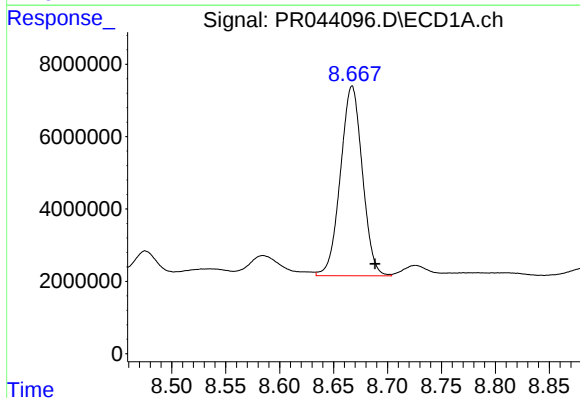
R.T.: 8.330 min
Delta R.T.: -0.020 min
Response: 41786906
Conc: 161.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0BT7



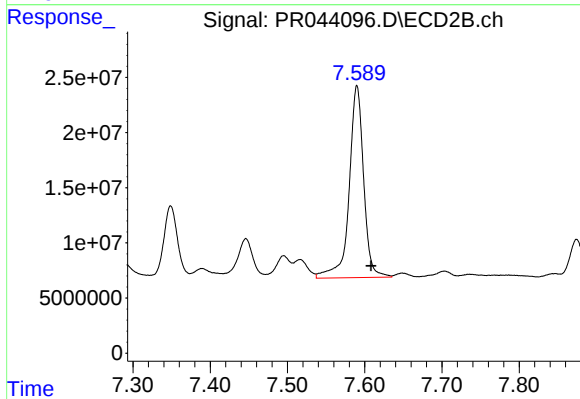
#34 AR-1260-4

R.T.: 7.349 min
Delta R.T.: -0.019 min
Response: 87619463
Conc: 156.08 ng/ml



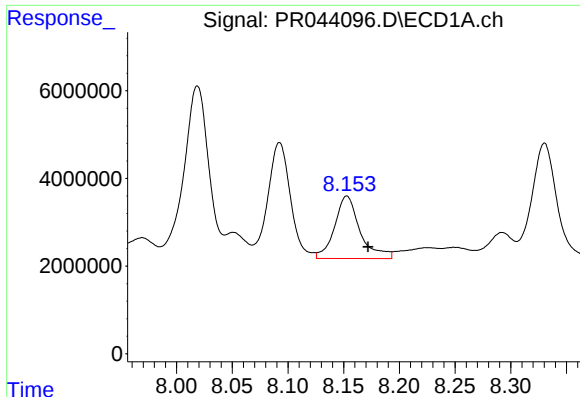
#35 AR-1260-5

R.T.: 8.667 min
Delta R.T.: -0.021 min
Response: 74190079
Conc: 132.82 ng/ml



#35 AR-1260-5

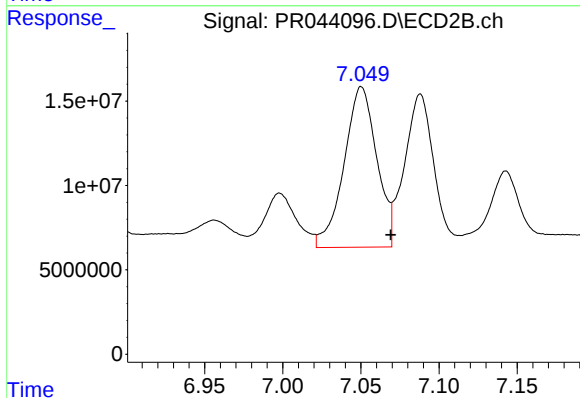
R.T.: 7.590 min
Delta R.T.: -0.018 min
Response: 227121198
Conc: 134.92 ng/ml



#36 AR-1262-1

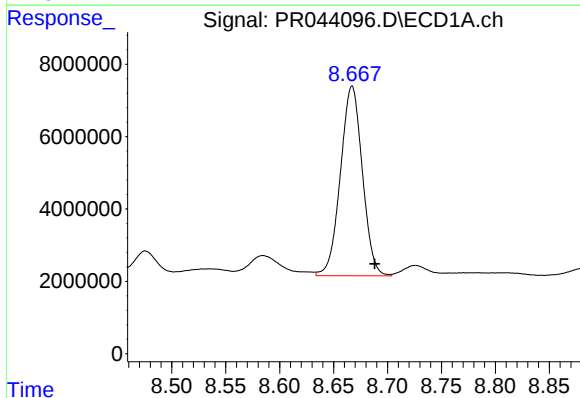
R.T.: 8.153 min
Delta R.T.: -0.019 min
Response: 22672662
Conc: 157.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0BT7



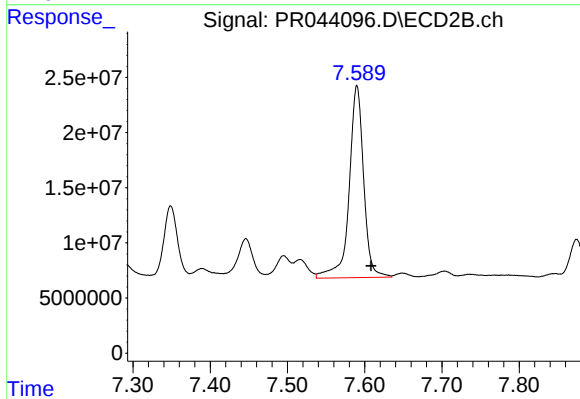
#36 AR-1262-1

R.T.: 7.050 min
Delta R.T.: -0.019 min
Response: 138522963
Conc: 280.02 ng/ml



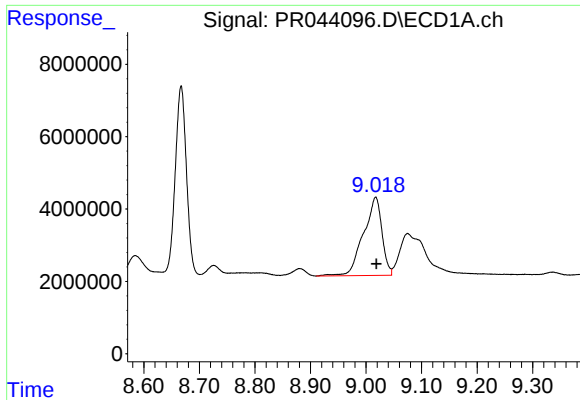
#37 AR-1262-2

R.T.: 8.667 min
Delta R.T.: -0.021 min
Response: 74190079
Conc: 104.50 ng/ml



#37 AR-1262-2

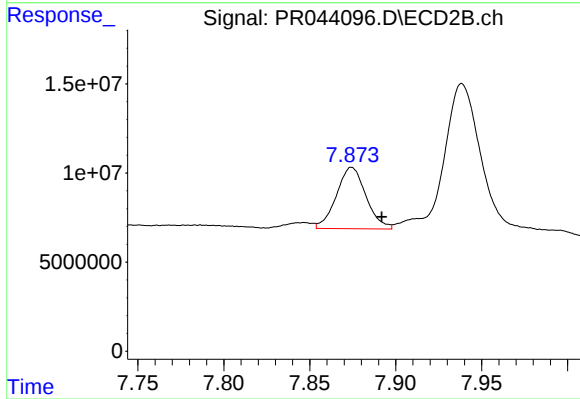
R.T.: 7.590 min
Delta R.T.: -0.018 min
Response: 227121198
Conc: 104.45 ng/ml



#38 AR-1262-3

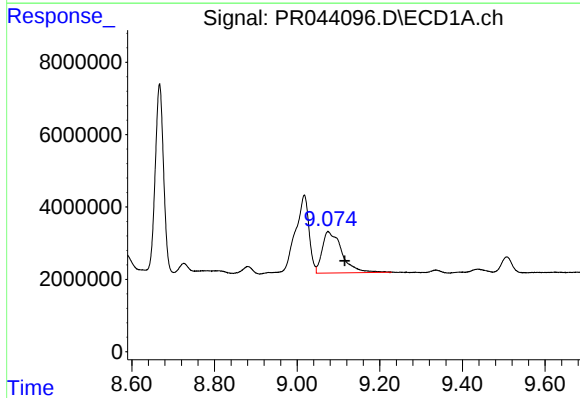
R.T.: 9.017 min
Delta R.T.: -0.001 min
Response: 50273600
Conc: 109.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0BT7



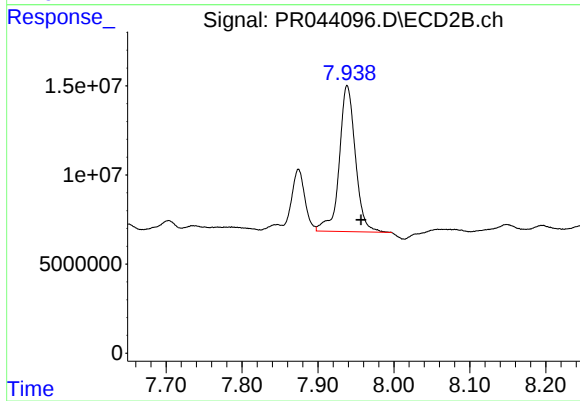
#38 AR-1262-3

R.T.: 7.874 min
Delta R.T.: -0.017 min
Response: 41295433
Conc: 47.81 ng/ml



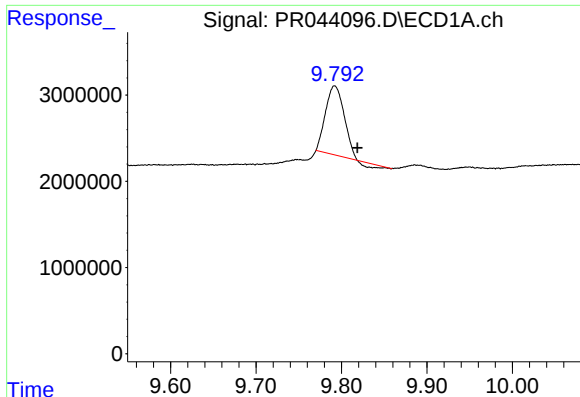
#39 AR-1262-4

R.T.: 9.075 min
Delta R.T.: -0.040 min
Response: 37885841
Conc: 111.11 ng/ml



#39 AR-1262-4

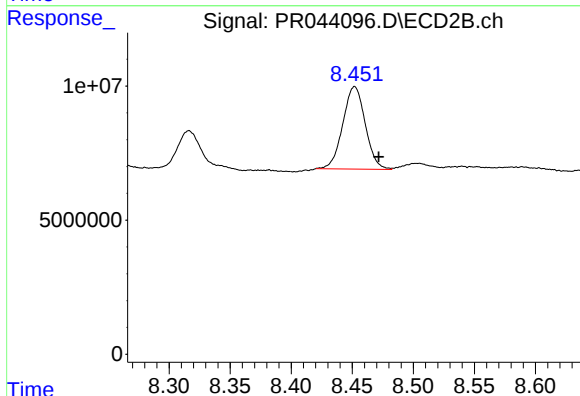
R.T.: 7.939 min
Delta R.T.: -0.018 min
Response: 120607272
Conc: 84.82 ng/ml



#40 AR-1262-5

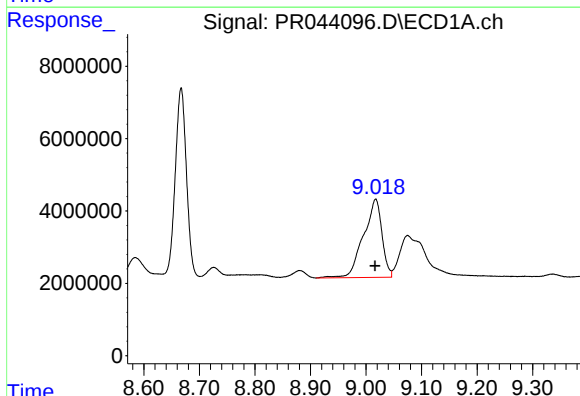
R.T.: 9.792 min
Delta R.T.: -0.027 min
Response: 11602335
Conc: 48.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0BT7



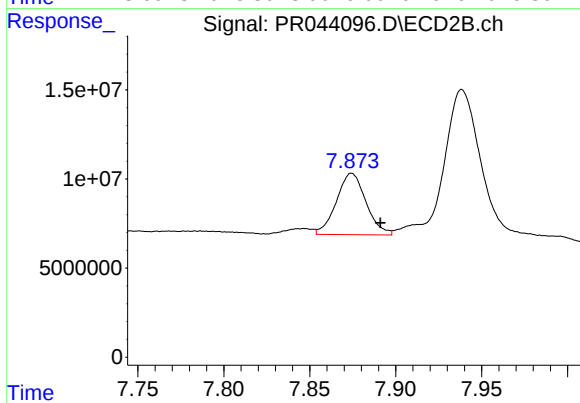
#40 AR-1262-5

R.T.: 8.452 min
Delta R.T.: -0.020 min
Response: 39337236
Conc: 61.53 ng/ml



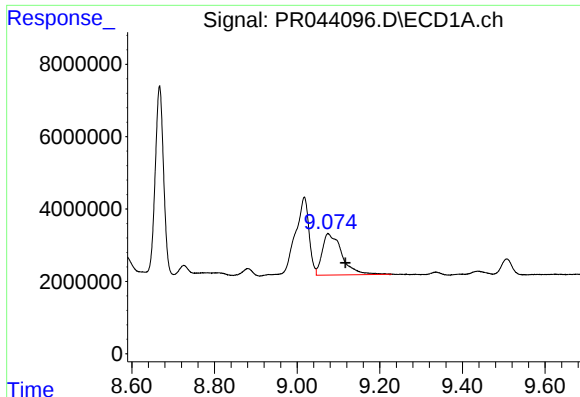
#41 AR-1268-1

R.T.: 9.017 min
Delta R.T.: 0.000 min
Response: 50273600
Conc: 62.43 ng/ml



#41 AR-1268-1

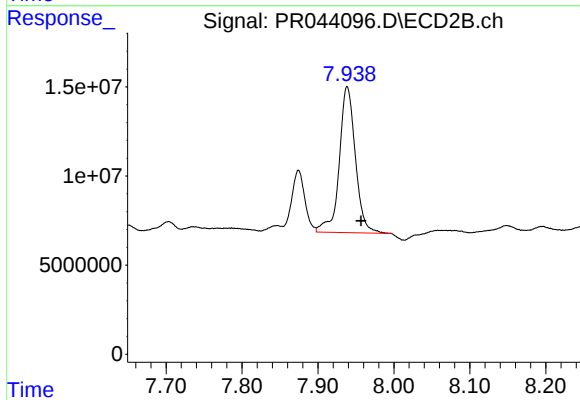
R.T.: 7.874 min
Delta R.T.: -0.017 min
Response: 41295433
Conc: 16.89 ng/ml



#42 AR-1268-2

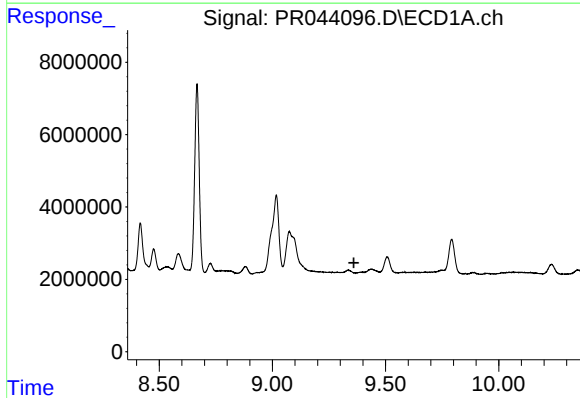
R.T.: 9.075 min
Delta R.T.: -0.042 min
Response: 37885841
Conc: 51.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0BT7



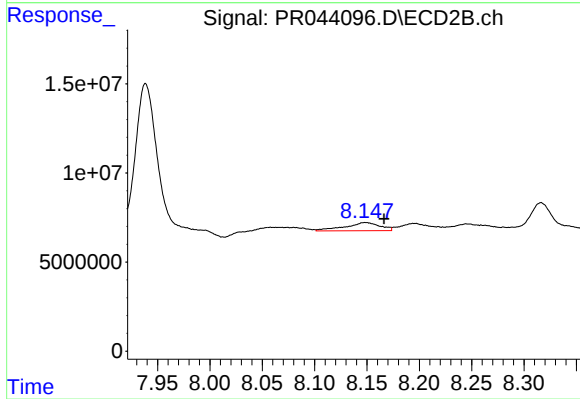
#42 AR-1268-2

R.T.: 7.939 min
Delta R.T.: -0.018 min
Response: 120607272
Conc: 57.66 ng/ml



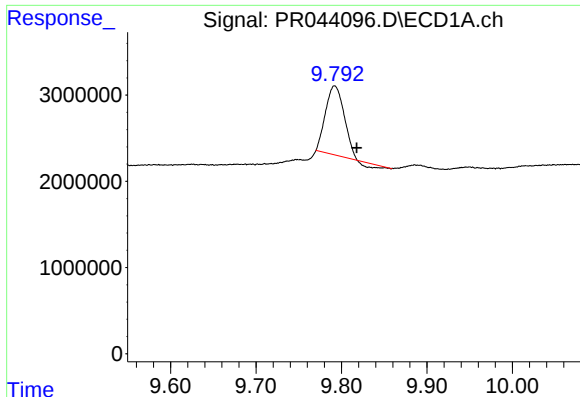
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.360 min
Response: 0
Conc: N.D.



#43 AR-1268-3

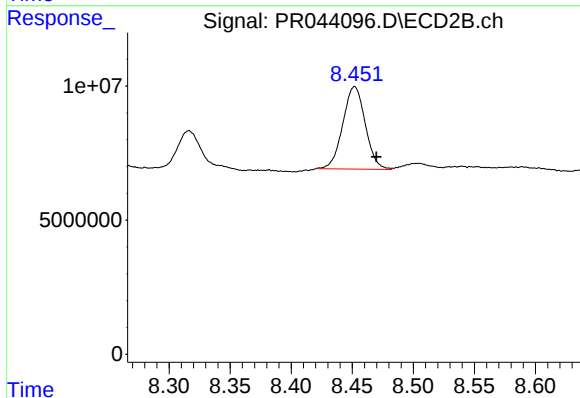
R.T.: 8.148 min
Delta R.T.: -0.018 min
Response: 10710890
Conc: 5.95 ng/ml



#44 AR-1268-4

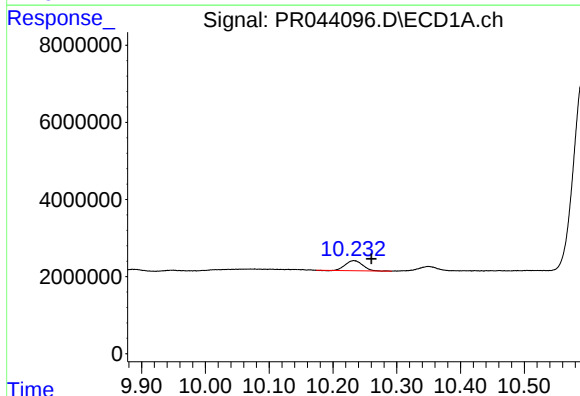
R.T.: 9.792 min
Delta R.T.: -0.026 min
Response: 11602335
Conc: 43.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0BT7



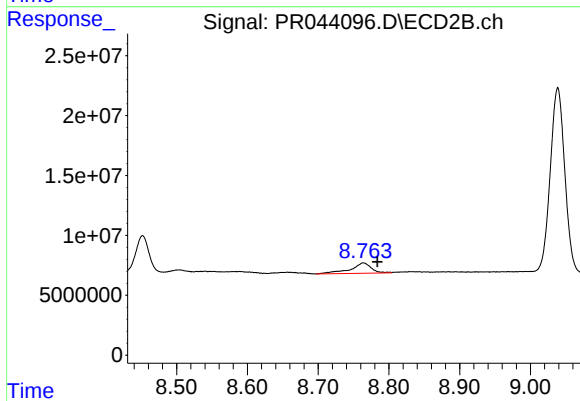
#44 AR-1268-4

R.T.: 8.452 min
Delta R.T.: -0.018 min
Response: 39337236
Conc: 55.82 ng/ml



#45 AR-1268-5

R.T.: 10.233 min
Delta R.T.: -0.028 min
Response: 4980303
Conc: 2.41 ng/ml



#45 AR-1268-5

R.T.: 8.764 min
Delta R.T.: -0.020 min
Response: 17467524
Conc: 3.58 ng/ml