

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091019\
 Data File : PR040896.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2019 16:35
 Operator : SM\AJ
 Sample : K4634-19
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 F2D37

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 03:39:53 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091019CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 10 13:01:53 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...	4.725	3.994	51837111	229.3E6	16.867	17.218
2)	SA Decachlor...	10.644	9.123	70039155	176.1E6	25.166	18.019 #
Target Compounds							
3)	L1 AR-1016-1	5.903	5.094	3484674	26385016	30.904	99.685 #
4)	L1 AR-1016-2	5.925	5.114	11311423	21724757	71.088	59.192
5)	L1 AR-1016-3	6.002	5.296	8921731	19334374	95.217	95.164
6)	L1 AR-1016-4	6.090	5.334	6256335	50776016	80.171	310.908 #
7)	L1 AR-1016-5	6.381	5.550	15795591	33743091	202.633	145.190 #
8)	L2 AR-1221-1	0.000	4.246f	0	624029	N.D.	5.201 #
9)	L2 AR-1221-2	0.000	4.302	0	1252070	N.D.	16.305 #
10)	L2 AR-1221-3	0.000	4.422f	0	44289874	N.D.	195.599 #
11)	L3 AR-1232-1	0.000	4.422f	0	44289874	N.D.	327.196 #
12)	L3 AR-1232-2	5.634	5.114	10704597	21724757	406.943	167.233 #
13)	L3 AR-1232-3	5.925	5.296	11311423	19334374	204.882	263.210 #
14)	L3 AR-1232-4	6.090	5.377	6256335	15051915	223.797	226.607
15)	L3 AR-1232-5	6.174	5.550	11027527	33743091	528.370	409.486
16)	L4 AR-1242-1	5.903	5.094	3484674	26385016	46.898	151.869 #
17)	L4 AR-1242-2	5.925	5.114	11311423	21724757	107.929	90.774
18)	L4 AR-1242-3	6.002	5.296	8921731	19334374	140.957	142.408
19)	L4 AR-1242-4	6.090	5.377	6256335	15051915	118.397	109.461
20)	L4 AR-1242-5	6.827	5.906	14275934	97466367	226.560	424.975 #
21)	L5 AR-1248-1	5.903	5.094	3484674	26385016	59.511	190.445 #
22)	L5 AR-1248-2	6.174	5.334	11027527	50776016	132.236	258.146 #
23)	L5 AR-1248-3	6.381	5.377	15795591	15051915	167.429	74.084 #
24)	L5 AR-1248-4	6.785	5.550	11730513	33743091	100.373	127.994 #
25)	L5 AR-1248-5	6.827	5.948	14275934	19843239	130.178	62.790 #
26)	L6 AR-1254-1	6.758	5.906	36327678	97466367	296.364	203.580 #
27)	L6 AR-1254-2	6.976	6.054	61334963	109.1E6	320.351	247.138
28)	L6 AR-1254-3	7.345	6.461	71397021	200.0E6	329.921	265.862
29)	L6 AR-1254-4	7.630	6.689	49810518	115.5E6	305.774	220.955 #
30)	L6 AR-1254-5	8.050	7.110	107.8E6	212.0E6	590.294	331.856 #
31)	L7 AR-1260-1	7.507	6.592	41131996	111.9E6	266.446	219.557
32)	L7 AR-1260-2	7.761	6.778	51714764	140.6E6	281.109	221.178
33)	L7 AR-1260-3	8.123	6.935	44933760	113.2E6	323.664	196.300 #
34)	L7 AR-1260-4	8.357	7.410	68971123	70298985	424.181	142.388 #
35)	L7 AR-1260-5	8.702	7.649	70503857	247.0E6	206.258	189.849
36)	L8 AR-1262-1	8.123	7.147	44933760	106.6E6	198.237	130.078 #
37)	L8 AR-1262-2	8.702	7.649	70503857	247.0E6	160.909	158.299
38)	L8 AR-1262-3	9.032	7.937	97852080	231.5E6	348.549	383.397
39)	L8 AR-1262-4	9.131	8.002	93617781	313.5E6	460.713	281.139 #
40)	L8 AR-1262-5	9.835	8.519	59808043	173.8E6	412.070	332.635
41)	L9 AR-1268-1	9.032	7.937	97852080	231.5E6	219.466	144.392 #
42)	L9 AR-1268-2	9.131	8.002	93617781	313.5E6	229.304	209.774

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091019\
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 Acq On : 10 Sep 2019 16:35
 Operator : SM\AJ
 Sample : K4634-19
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

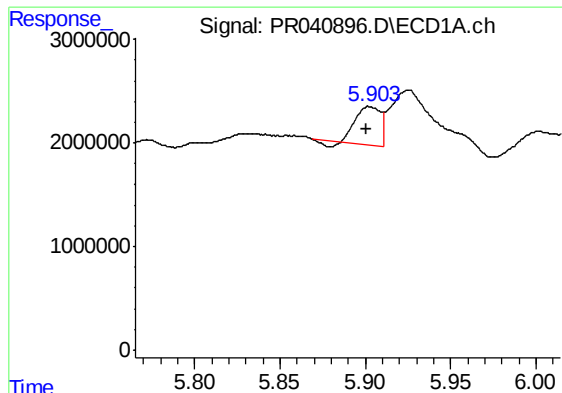
Instrument :
 ECD_R
 ClientSampleId :
 F2D37

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 03:39:53 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091019CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 10 13:01:53 2019
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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	9.378	8.217	22362948	55986029	66.112	44.800 #
44) L9	AR-1268-4	9.835	8.519	59808043	173.8E6	417.015	333.776
45) L9	AR-1268-5	10.280	8.839	113.5E6	302.8E6	100.060	82.078

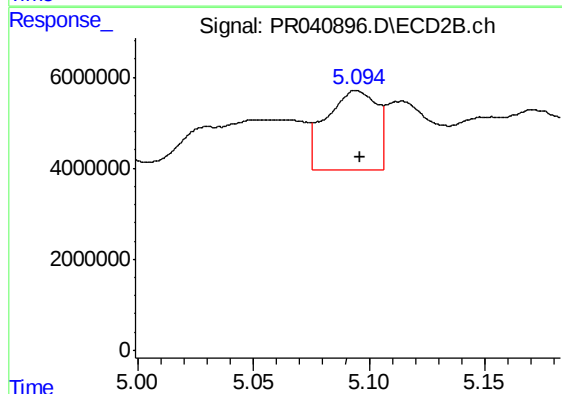
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

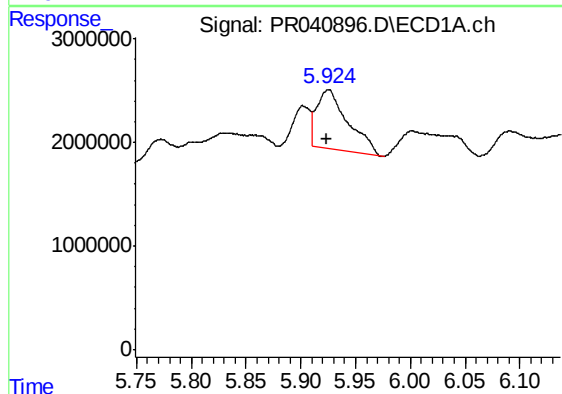
R.T.: 5.903 min
Delta R.T.: 0.002 min
Response: 3484674
Conc: 30.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D37



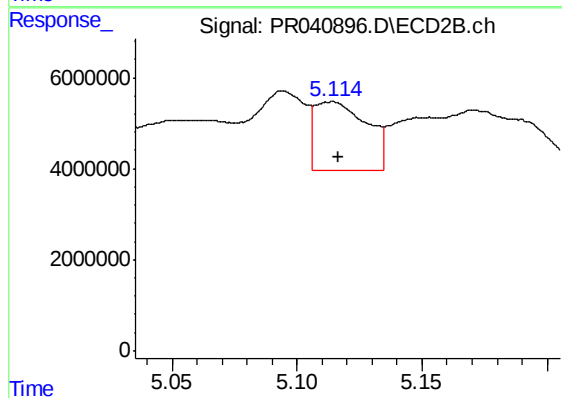
#3 AR-1016-1

R.T.: 5.094 min
Delta R.T.: -0.002 min
Response: 26385016
Conc: 99.68 ng/ml



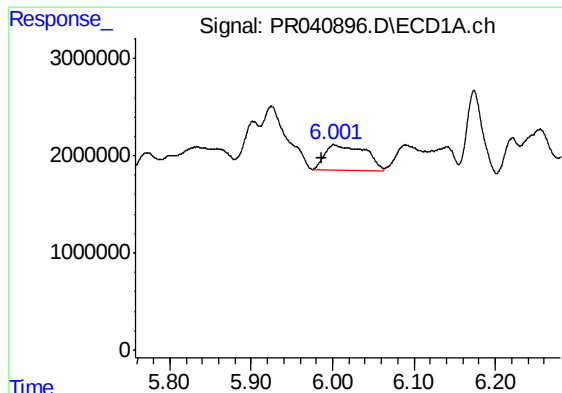
#4 AR-1016-2

R.T.: 5.925 min
Delta R.T.: 0.001 min
Response: 11311423
Conc: 71.09 ng/ml



#4 AR-1016-2

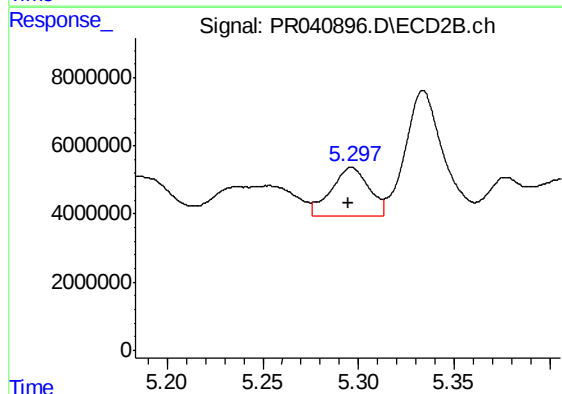
R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 21724757
Conc: 59.19 ng/ml



#5 AR-1016-3

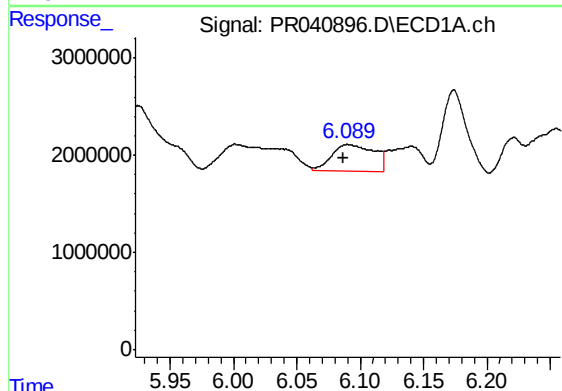
R.T.: 6.002 min
Delta R.T.: 0.014 min
Response: 8921731
Conc: 95.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D37



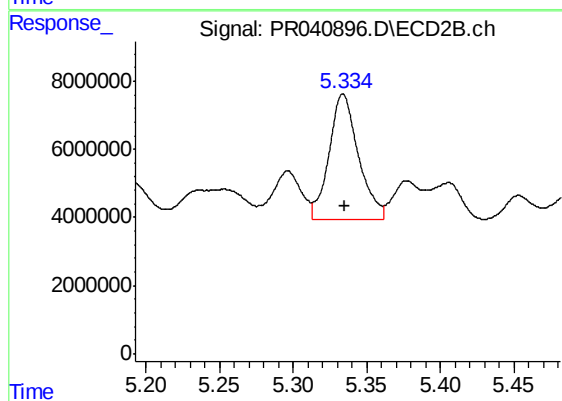
#5 AR-1016-3

R.T.: 5.296 min
Delta R.T.: 0.001 min
Response: 19334374
Conc: 95.16 ng/ml



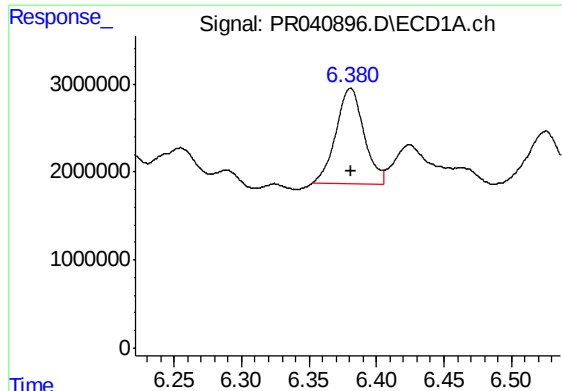
#6 AR-1016-4

R.T.: 6.090 min
Delta R.T.: 0.003 min
Response: 6256335
Conc: 80.17 ng/ml



#6 AR-1016-4

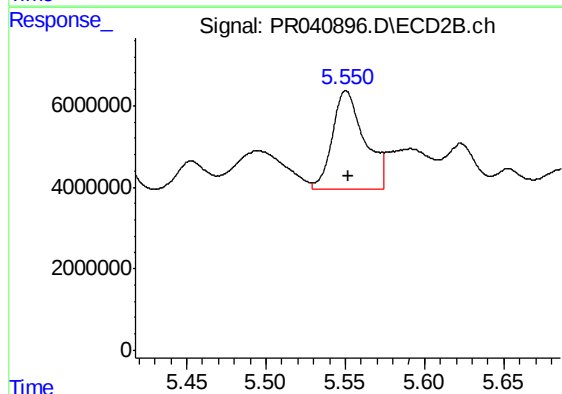
R.T.: 5.334 min
Delta R.T.: 0.000 min
Response: 50776016
Conc: 310.91 ng/ml



#7 AR-1016-5

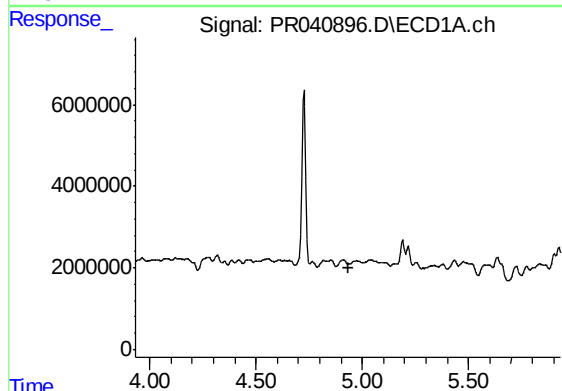
R.T.: 6.381 min
Delta R.T.: 0.000 min
Response: 15795591
Conc: 202.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D37



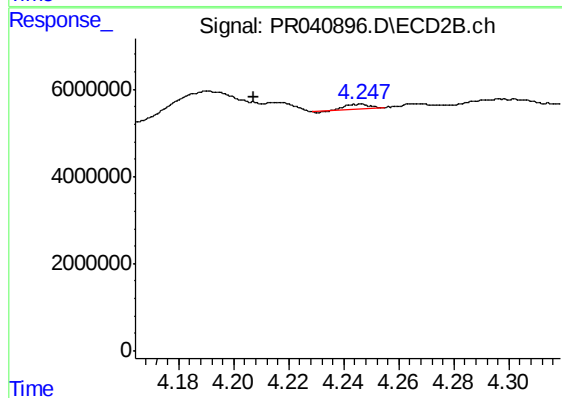
#7 AR-1016-5

R.T.: 5.550 min
Delta R.T.: -0.002 min
Response: 33743091
Conc: 145.19 ng/ml



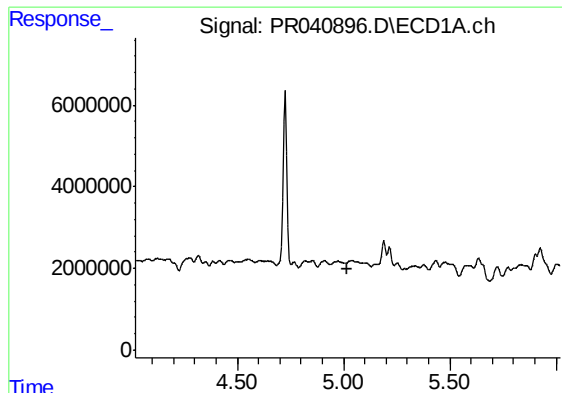
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.932 min
Response: 0
Conc: N.D.



#8 AR-1221-1

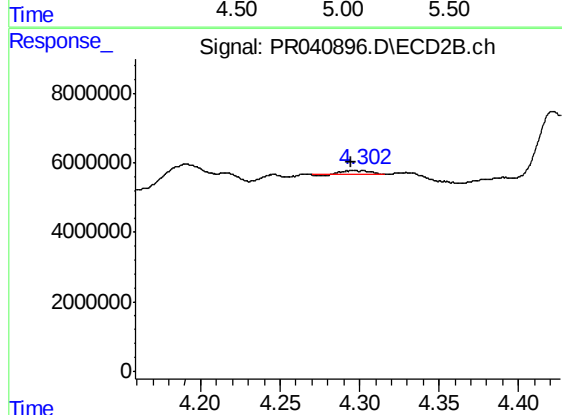
R.T.: 4.246 min
Delta R.T.: 0.038 min
Response: 624029
Conc: 5.20 ng/ml



#9 AR-1221-2

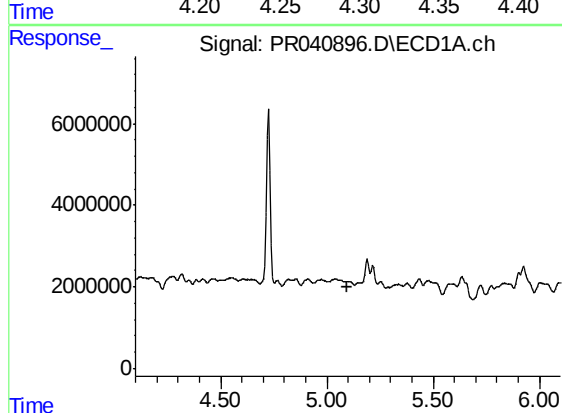
R.T.: 0.000 min
Exp R.T. : 5.020 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
F2D37



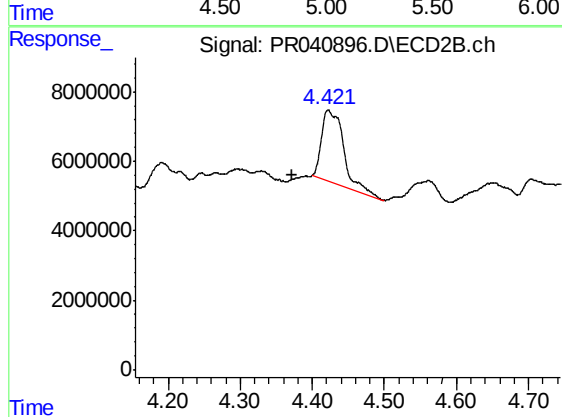
#9 AR-1221-2

R.T.: 4.302 min
Delta R.T.: 0.007 min
Response: 1252070
Conc: 16.30 ng/ml



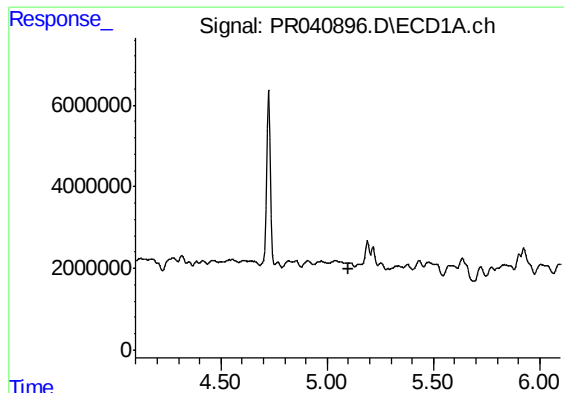
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.099 min
Response: 0
Conc: N.D.



#10 AR-1221-3

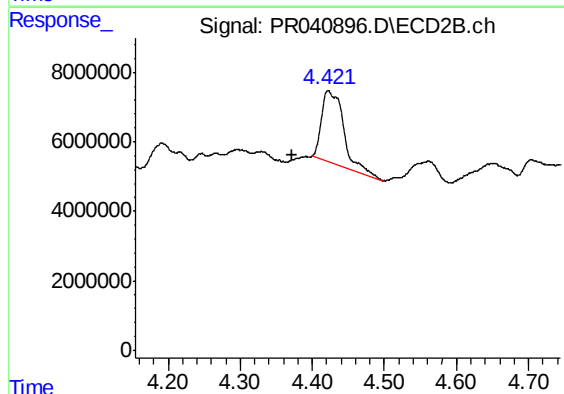
R.T.: 4.422 min
Delta R.T.: 0.049 min
Response: 44289874
Conc: 195.60 ng/ml



#11 AR-1232-1

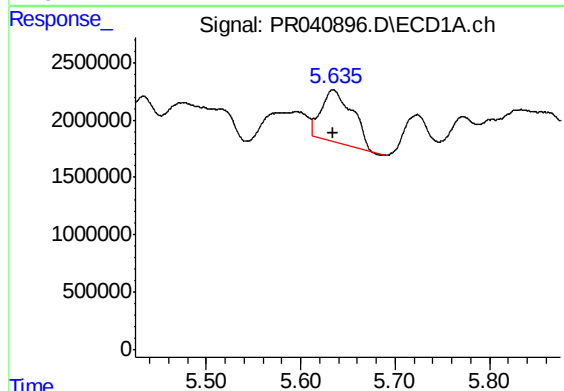
R.T.: 0.000 min
Exp R.T.: 5.098 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
F2D37



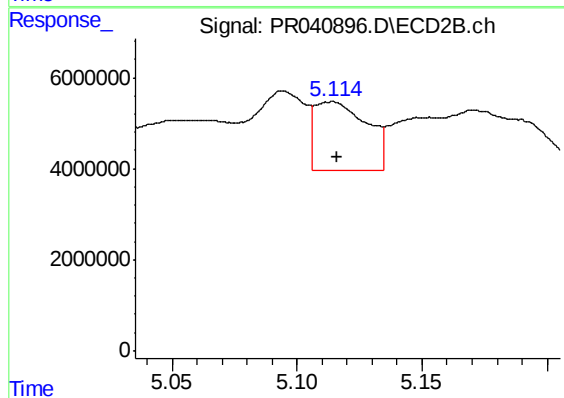
#11 AR-1232-1

R.T.: 4.422 min
Delta R.T.: 0.049 min
Response: 44289874
Conc: 327.20 ng/ml



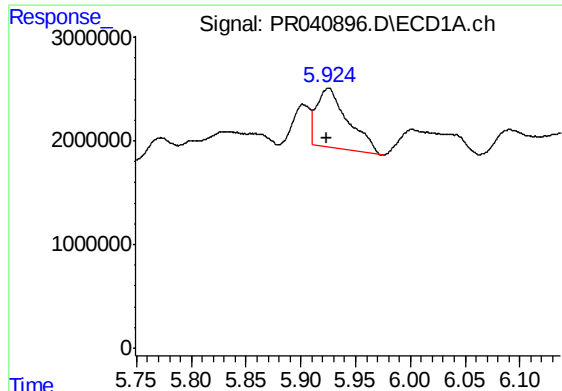
#12 AR-1232-2

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 10704597
Conc: 406.94 ng/ml



#12 AR-1232-2

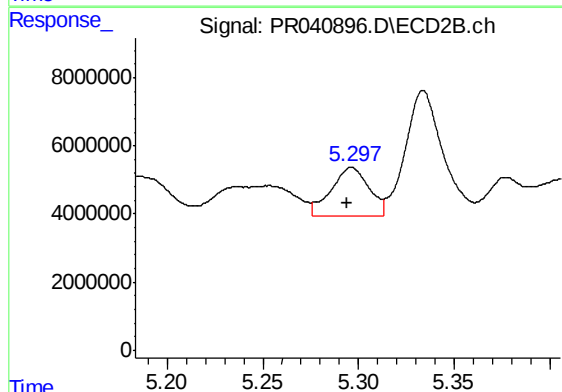
R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 21724757
Conc: 167.23 ng/ml



#13 AR-1232-3

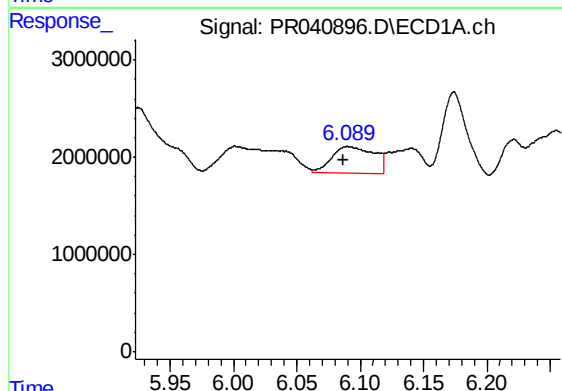
R.T.: 5.925 min
Delta R.T.: 0.001 min
Response: 11311423
Conc: 204.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D37



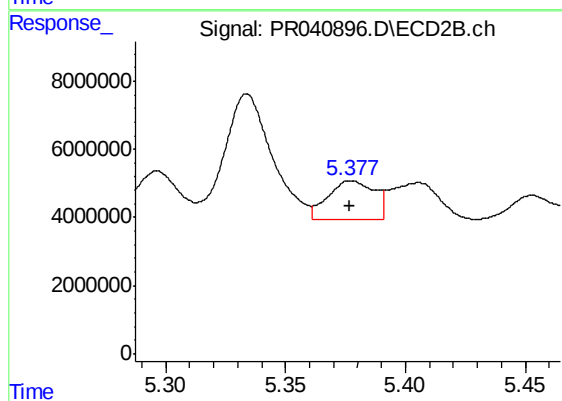
#13 AR-1232-3

R.T.: 5.296 min
Delta R.T.: 0.002 min
Response: 19334374
Conc: 263.21 ng/ml



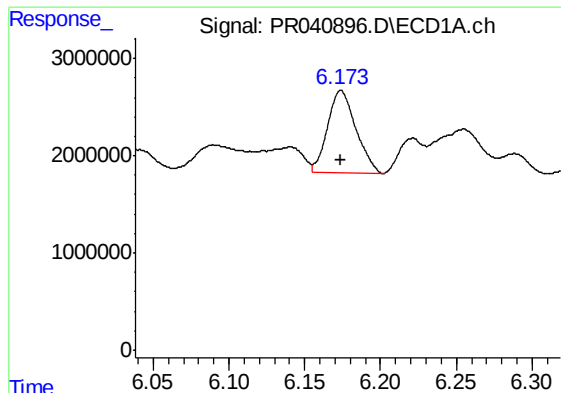
#14 AR-1232-4

R.T.: 6.090 min
Delta R.T.: 0.003 min
Response: 6256335
Conc: 223.80 ng/ml



#14 AR-1232-4

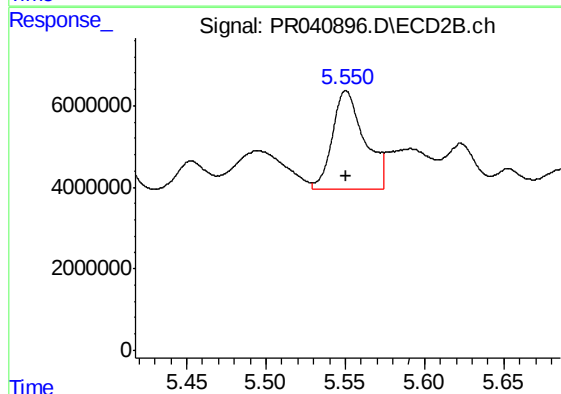
R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 15051915
Conc: 226.61 ng/ml



#15 AR-1232-5

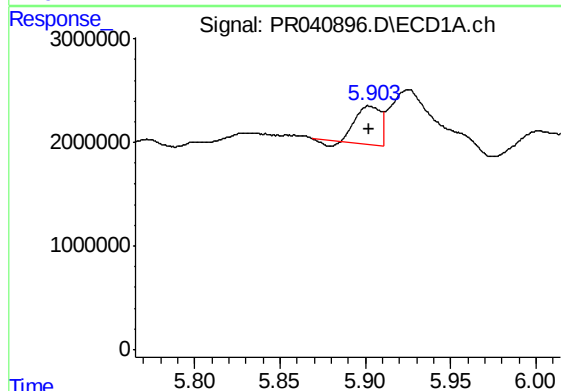
R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 11027527
Conc: 528.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D37



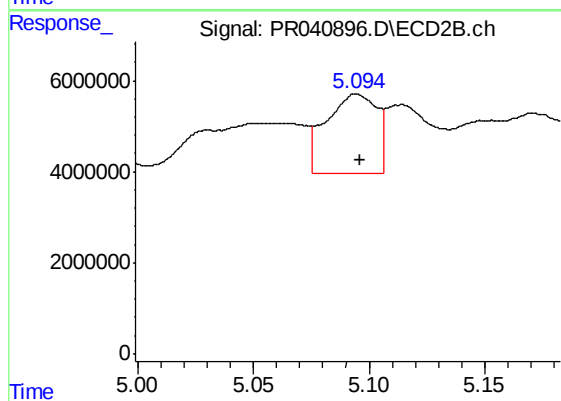
#15 AR-1232-5

R.T.: 5.550 min
Delta R.T.: 0.000 min
Response: 33743091
Conc: 409.49 ng/ml



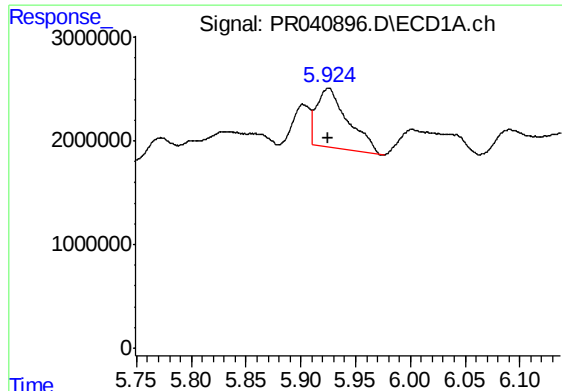
#16 AR-1242-1

R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 3484674
Conc: 46.90 ng/ml



#16 AR-1242-1

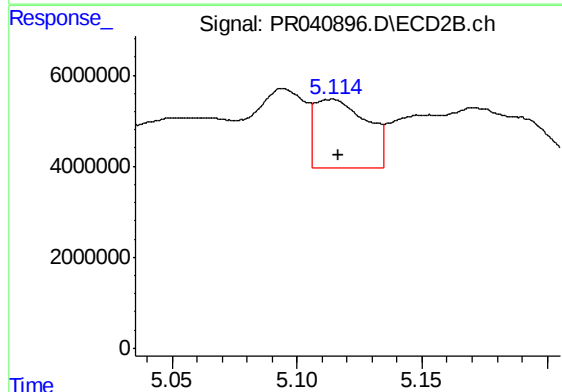
R.T.: 5.094 min
Delta R.T.: -0.001 min
Response: 26385016
Conc: 151.87 ng/ml



#17 AR-1242-2

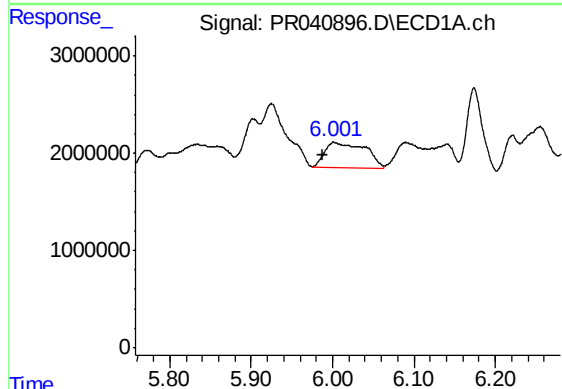
R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 11311423
Conc: 107.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D37



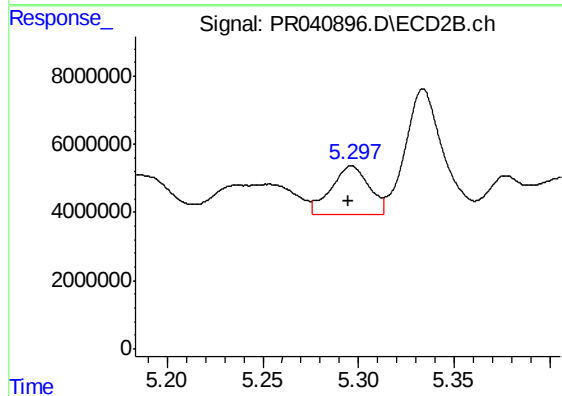
#17 AR-1242-2

R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 21724757
Conc: 90.77 ng/ml



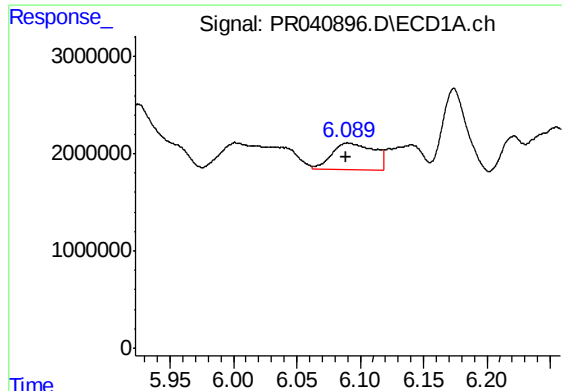
#18 AR-1242-3

R.T.: 6.002 min
Delta R.T.: 0.013 min
Response: 8921731
Conc: 140.96 ng/ml



#18 AR-1242-3

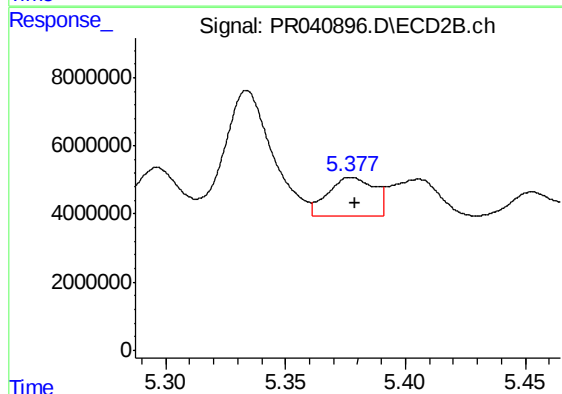
R.T.: 5.296 min
Delta R.T.: 0.001 min
Response: 19334374
Conc: 142.41 ng/ml



#19 AR-1242-4

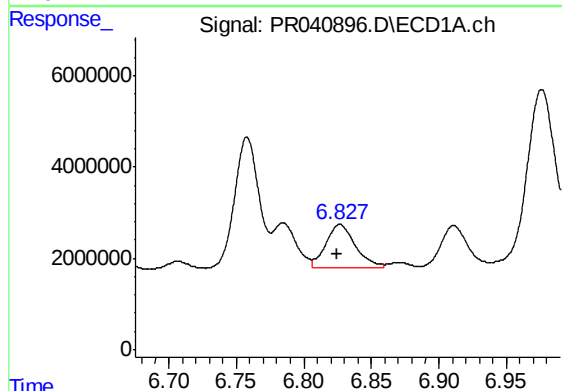
R.T.: 6.090 min
Delta R.T.: 0.002 min
Response: 6256335
Conc: 118.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D37



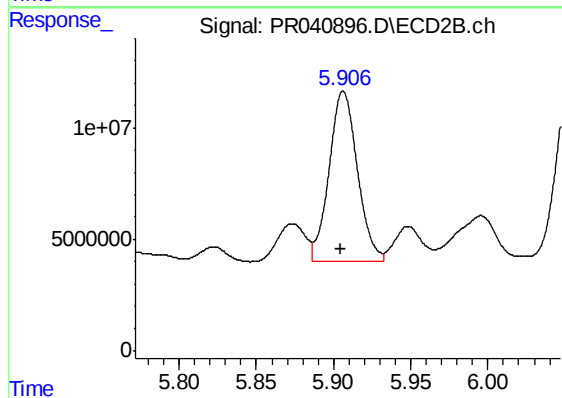
#19 AR-1242-4

R.T.: 5.377 min
Delta R.T.: -0.002 min
Response: 15051915
Conc: 109.46 ng/ml



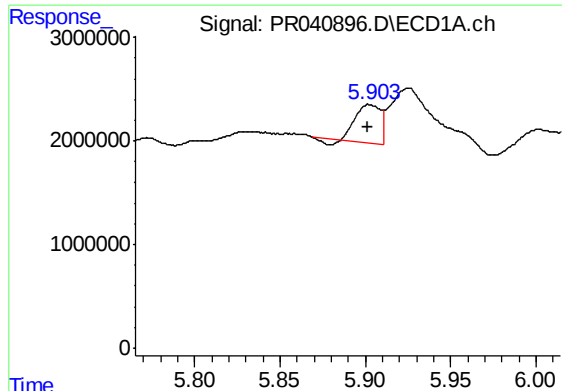
#20 AR-1242-5

R.T.: 6.827 min
Delta R.T.: 0.002 min
Response: 14275934
Conc: 226.56 ng/ml



#20 AR-1242-5

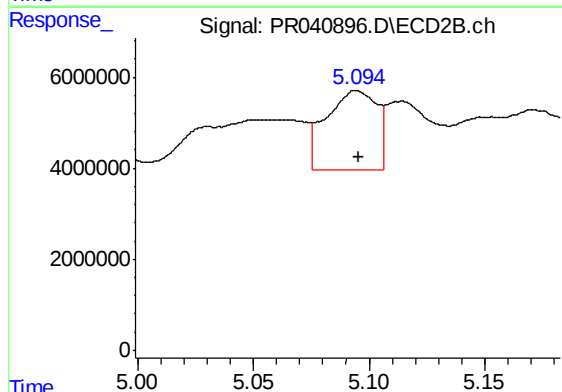
R.T.: 5.906 min
Delta R.T.: 0.001 min
Response: 97466367
Conc: 424.98 ng/ml



#21 AR-1248-1

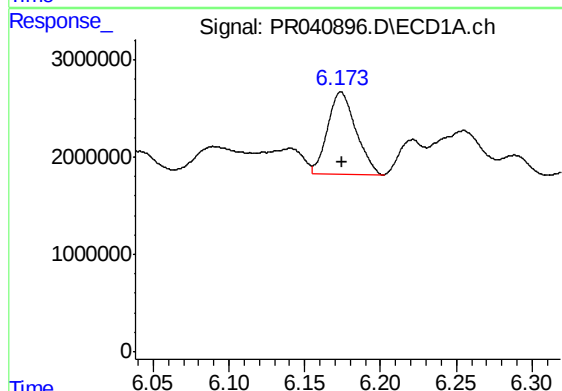
R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 3484674
Conc: 59.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D37



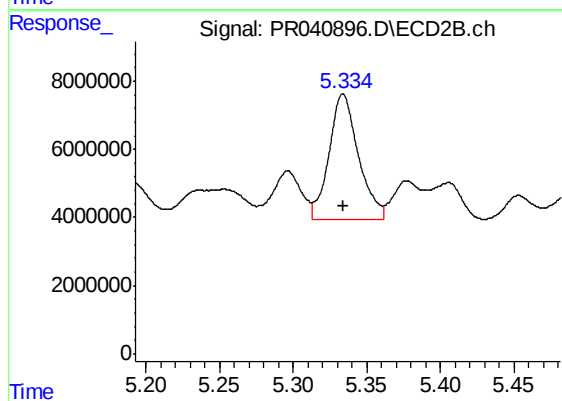
#21 AR-1248-1

R.T.: 5.094 min
Delta R.T.: -0.001 min
Response: 26385016
Conc: 190.44 ng/ml



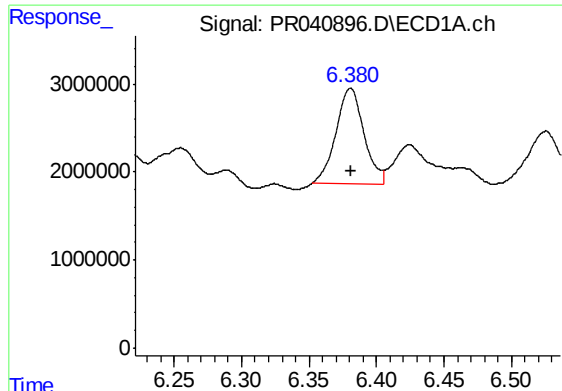
#22 AR-1248-2

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 11027527
Conc: 132.24 ng/ml



#22 AR-1248-2

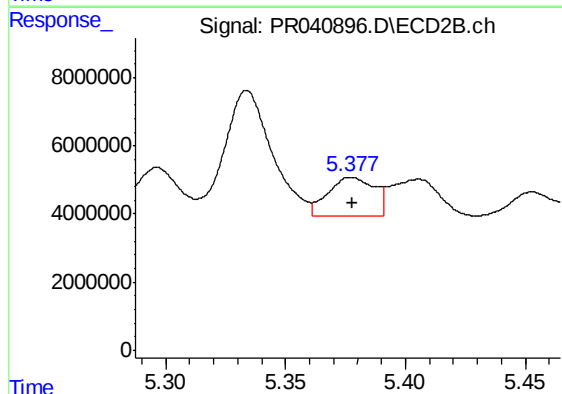
R.T.: 5.334 min
Delta R.T.: 0.000 min
Response: 50776016
Conc: 258.15 ng/ml



#23 AR-1248-3

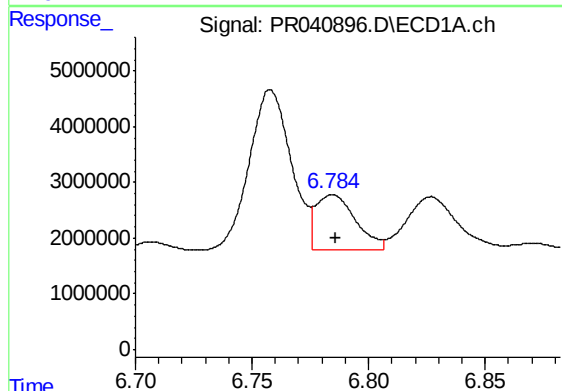
R.T.: 6.381 min
Delta R.T.: 0.000 min
Response: 15795591
Conc: 167.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D37



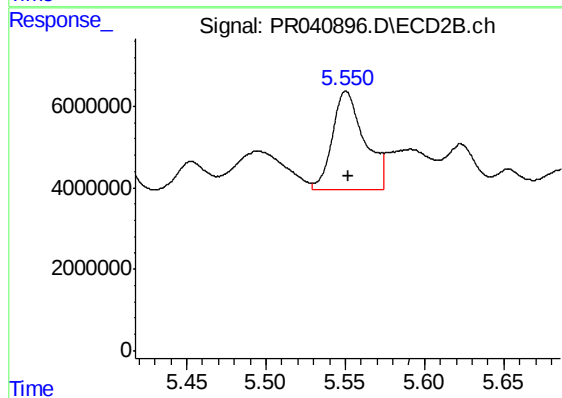
#23 AR-1248-3

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 15051915
Conc: 74.08 ng/ml



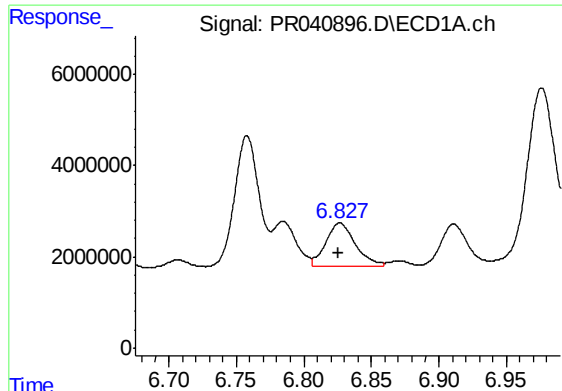
#24 AR-1248-4

R.T.: 6.785 min
Delta R.T.: -0.001 min
Response: 11730513
Conc: 100.37 ng/ml



#24 AR-1248-4

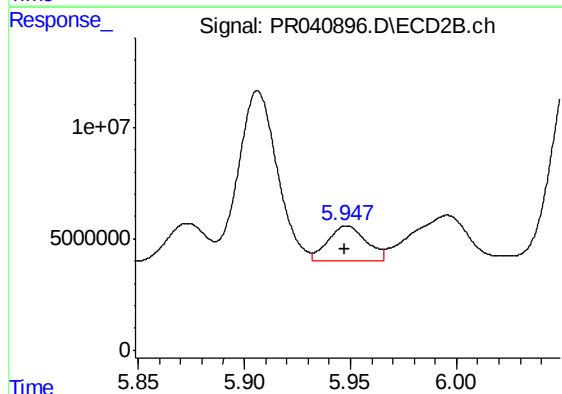
R.T.: 5.550 min
Delta R.T.: -0.001 min
Response: 33743091
Conc: 127.99 ng/ml



#25 AR-1248-5

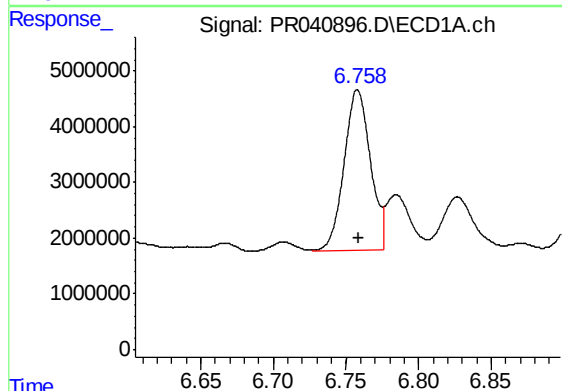
R.T.: 6.827 min
Delta R.T.: 0.001 min
Response: 14275934
Conc: 130.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D37



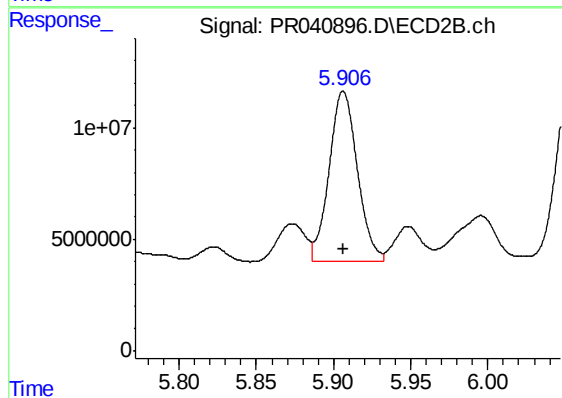
#25 AR-1248-5

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 19843239
Conc: 62.79 ng/ml



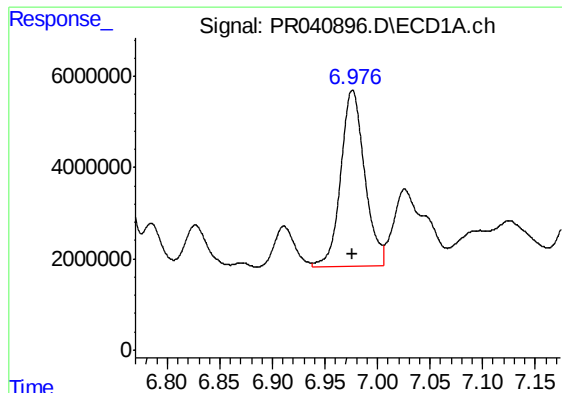
#26 AR-1254-1

R.T.: 6.758 min
Delta R.T.: -0.001 min
Response: 36327678
Conc: 296.36 ng/ml



#26 AR-1254-1

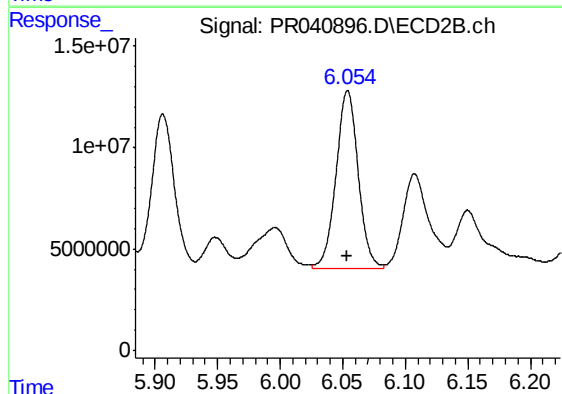
R.T.: 5.906 min
Delta R.T.: 0.000 min
Response: 97466367
Conc: 203.58 ng/ml



#27 AR-1254-2

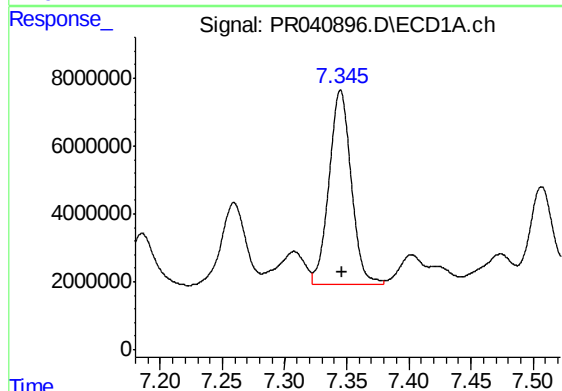
R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 61334963
Conc: 320.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D37



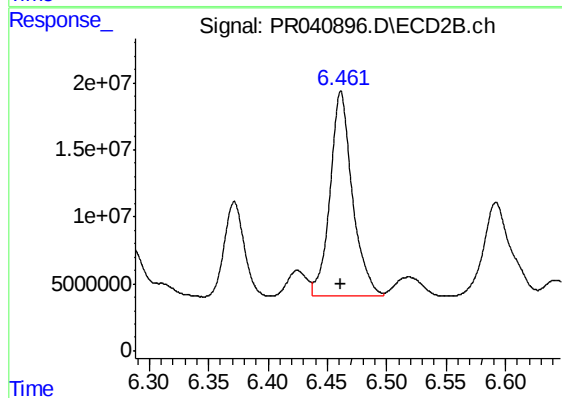
#27 AR-1254-2

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 109127943
Conc: 247.14 ng/ml



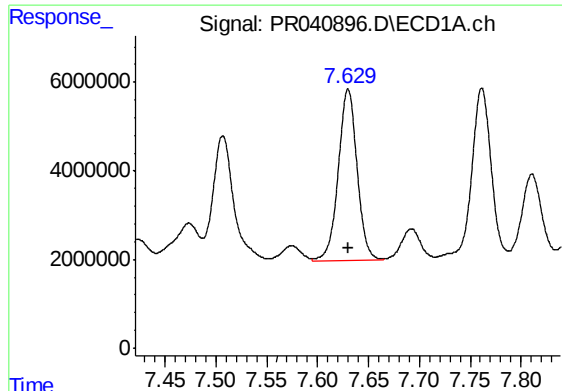
#28 AR-1254-3

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 71397021
Conc: 329.92 ng/ml



#28 AR-1254-3

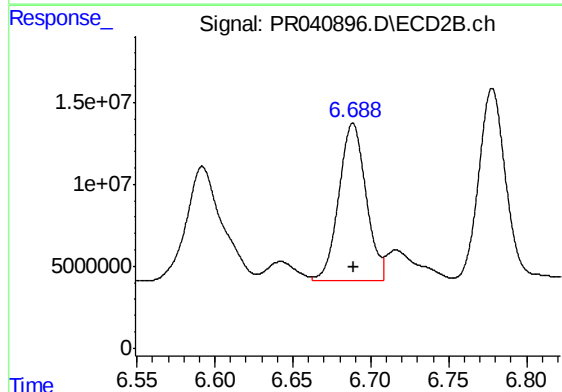
R.T.: 6.461 min
Delta R.T.: 0.000 min
Response: 199998286
Conc: 265.86 ng/ml



#29 AR-1254-4

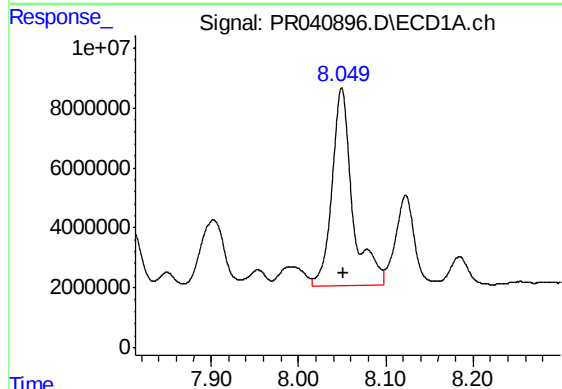
R.T.: 7.630 min
Delta R.T.: 0.000 min
Response: 49810518
Conc: 305.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D37



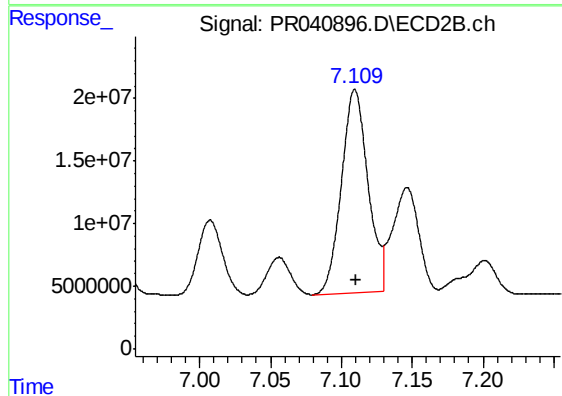
#29 AR-1254-4

R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 115539744
Conc: 220.96 ng/ml



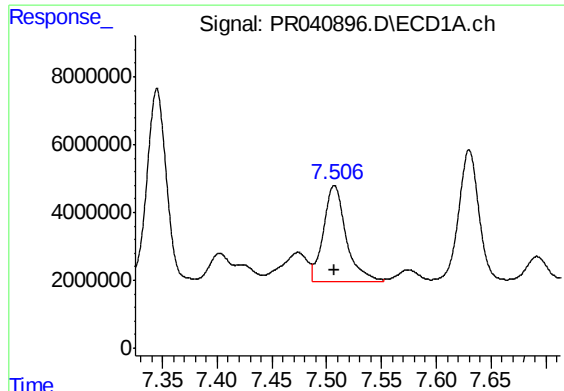
#30 AR-1254-5

R.T.: 8.050 min
Delta R.T.: -0.002 min
Response: 107823501
Conc: 590.29 ng/ml



#30 AR-1254-5

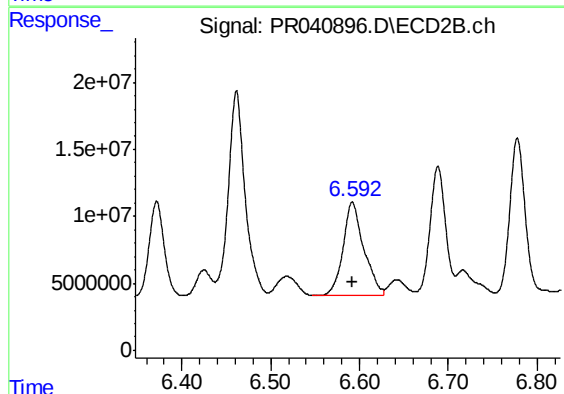
R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 212022930
Conc: 331.86 ng/ml



#31 AR-1260-1

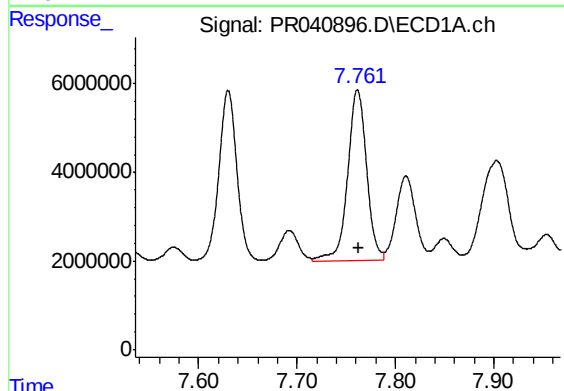
R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 41131996
Conc: 266.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D37



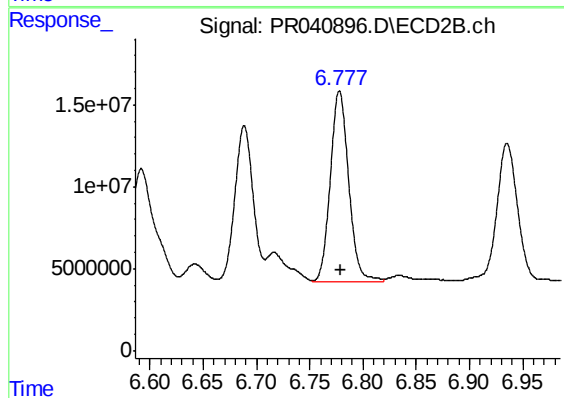
#31 AR-1260-1

R.T.: 6.592 min
Delta R.T.: 0.000 min
Response: 111852833
Conc: 219.56 ng/ml



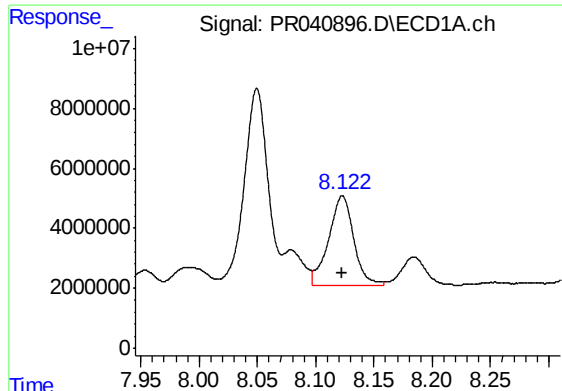
#32 AR-1260-2

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 51714764
Conc: 281.11 ng/ml



#32 AR-1260-2

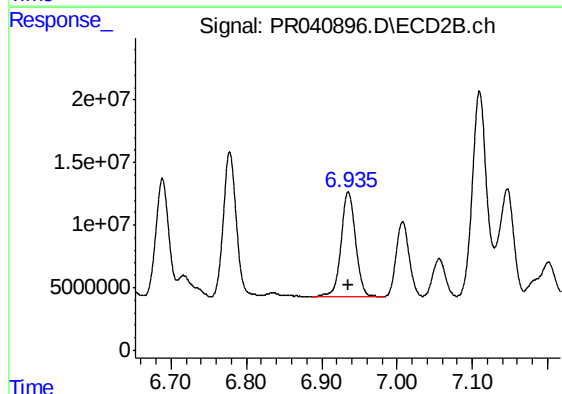
R.T.: 6.778 min
Delta R.T.: 0.000 min
Response: 140606319
Conc: 221.18 ng/ml



#33 AR-1260-3

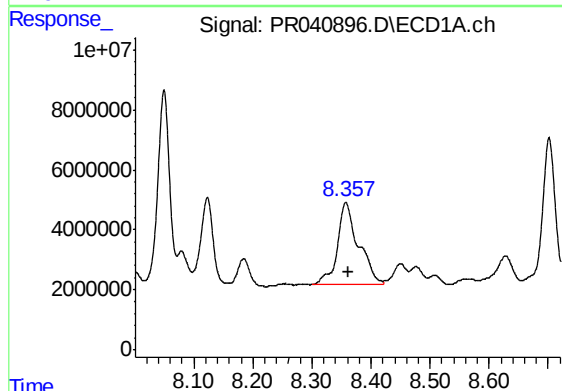
R.T.: 8.123 min
Delta R.T.: 0.000 min
Response: 44933760
Conc: 323.66 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D37



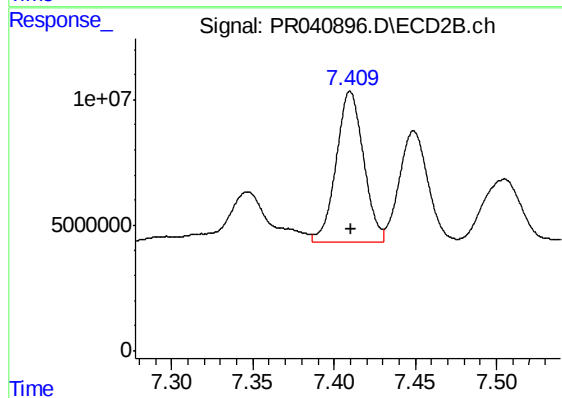
#33 AR-1260-3

R.T.: 6.935 min
Delta R.T.: 0.000 min
Response: 113216998
Conc: 196.30 ng/ml



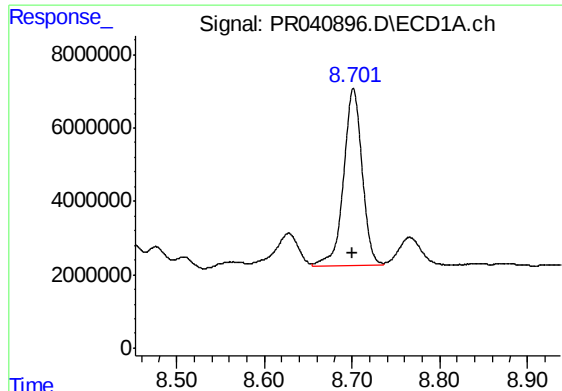
#34 AR-1260-4

R.T.: 8.357 min
Delta R.T.: -0.005 min
Response: 68971123
Conc: 424.18 ng/ml



#34 AR-1260-4

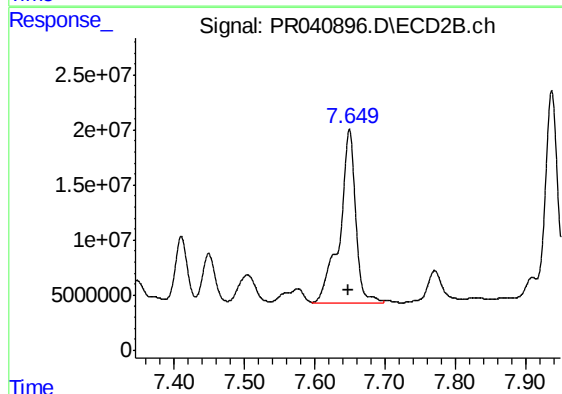
R.T.: 7.410 min
Delta R.T.: 0.000 min
Response: 70298985
Conc: 142.39 ng/ml



#35 AR-1260-5

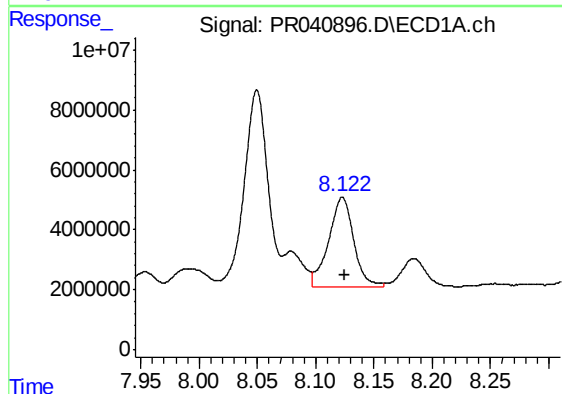
R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 70503857
Conc: 206.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D37



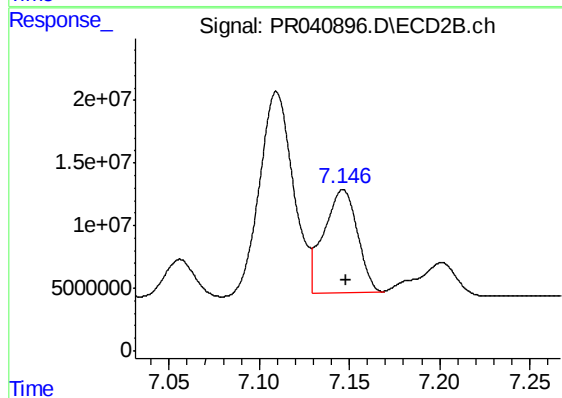
#35 AR-1260-5

R.T.: 7.649 min
Delta R.T.: 0.000 min
Response: 247006656
Conc: 189.85 ng/ml



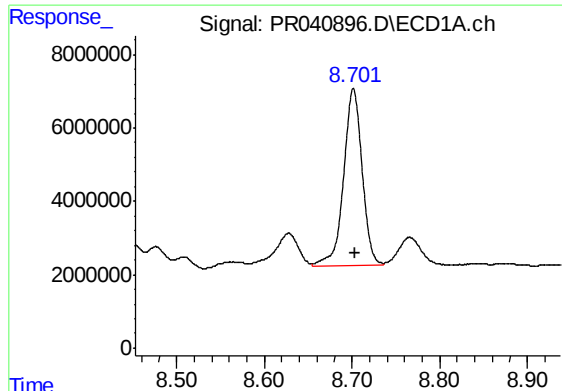
#36 AR-1262-1

R.T.: 8.123 min
Delta R.T.: -0.002 min
Response: 44933760
Conc: 198.24 ng/ml



#36 AR-1262-1

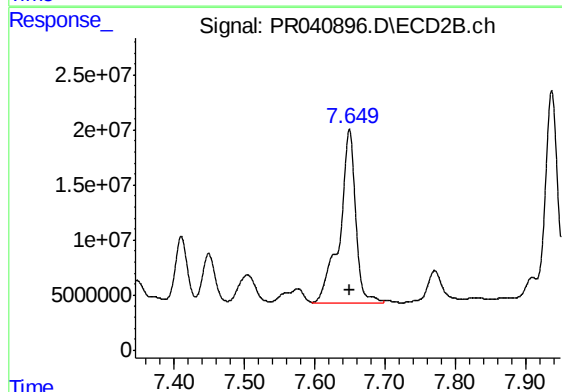
R.T.: 7.147 min
Delta R.T.: -0.002 min
Response: 106606452
Conc: 130.08 ng/ml



#37 AR-1262-2

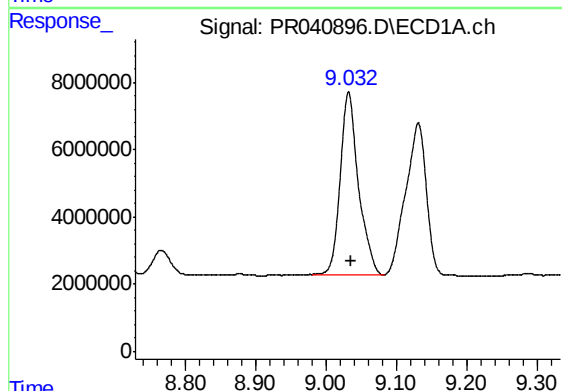
R.T.: 8.702 min
Delta R.T.: -0.002 min
Response: 70503857
Conc: 160.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D37



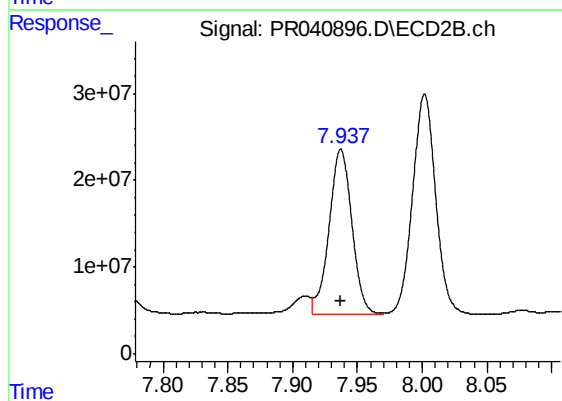
#37 AR-1262-2

R.T.: 7.649 min
Delta R.T.: 0.000 min
Response: 247006656
Conc: 158.30 ng/ml



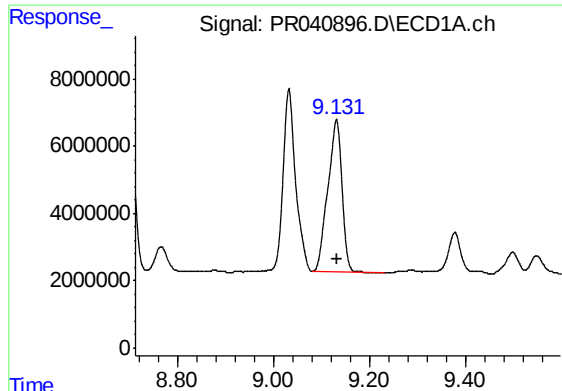
#38 AR-1262-3

R.T.: 9.032 min
Delta R.T.: -0.003 min
Response: 97852080
Conc: 348.55 ng/ml



#38 AR-1262-3

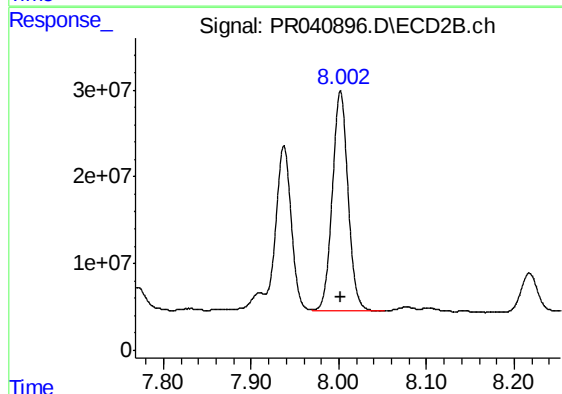
R.T.: 7.937 min
Delta R.T.: 0.000 min
Response: 231523819
Conc: 383.40 ng/ml



#39 AR-1262-4

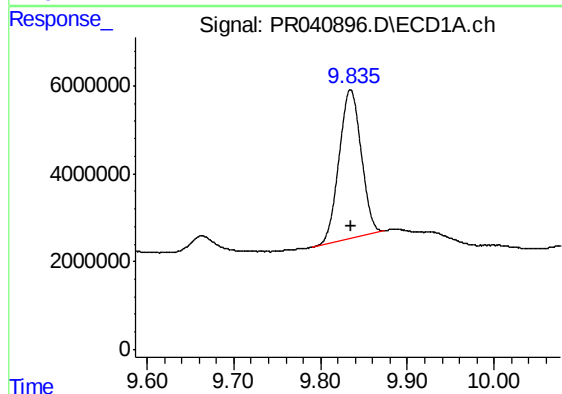
R.T.: 9.131 min
Delta R.T.: -0.001 min
Response: 93617781
Conc: 460.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D37



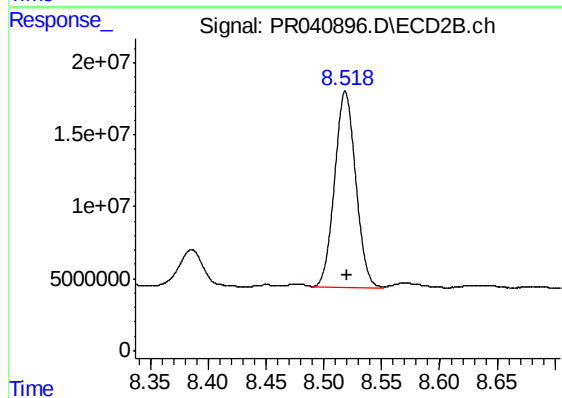
#39 AR-1262-4

R.T.: 8.002 min
Delta R.T.: 0.000 min
Response: 313501243
Conc: 281.14 ng/ml



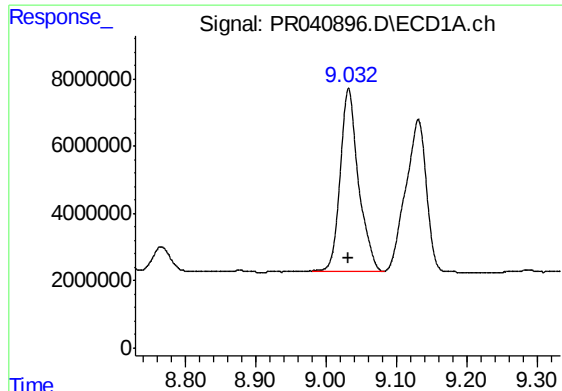
#40 AR-1262-5

R.T.: 9.835 min
Delta R.T.: 0.000 min
Response: 59808043
Conc: 412.07 ng/ml



#40 AR-1262-5

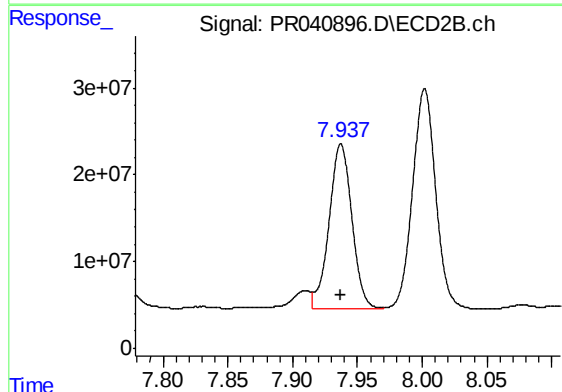
R.T.: 8.519 min
Delta R.T.: -0.001 min
Response: 173820020
Conc: 332.63 ng/ml



#41 AR-1268-1

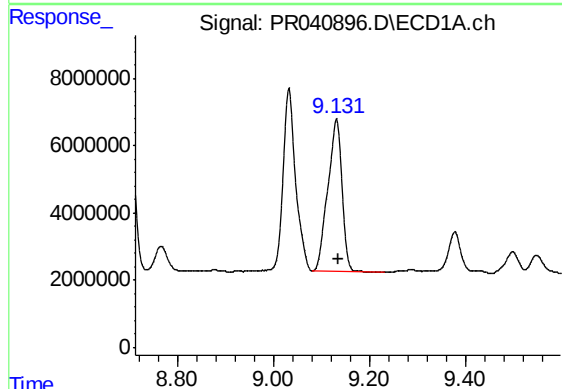
R.T.: 9.032 min
Delta R.T.: 0.000 min
Response: 97852080
Conc: 219.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D37



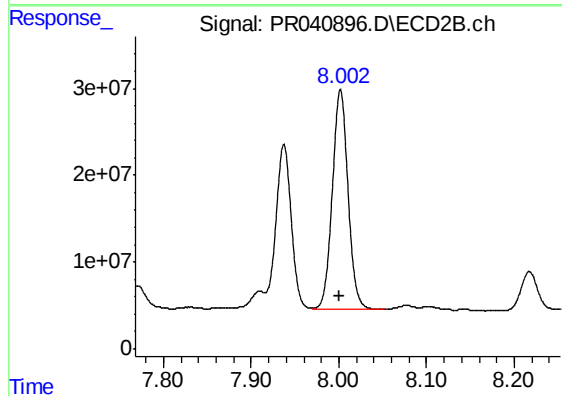
#41 AR-1268-1

R.T.: 7.937 min
Delta R.T.: 0.000 min
Response: 231523819
Conc: 144.39 ng/ml



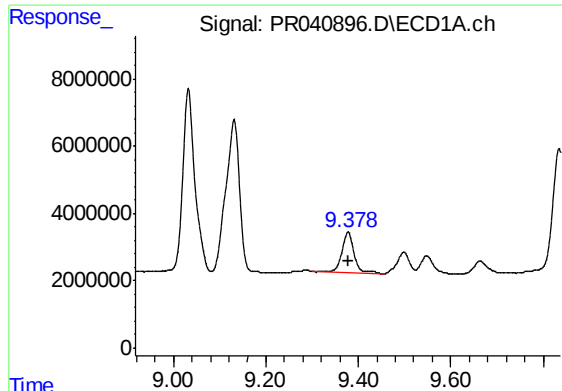
#42 AR-1268-2

R.T.: 9.131 min
Delta R.T.: -0.003 min
Response: 93617781
Conc: 229.30 ng/ml



#42 AR-1268-2

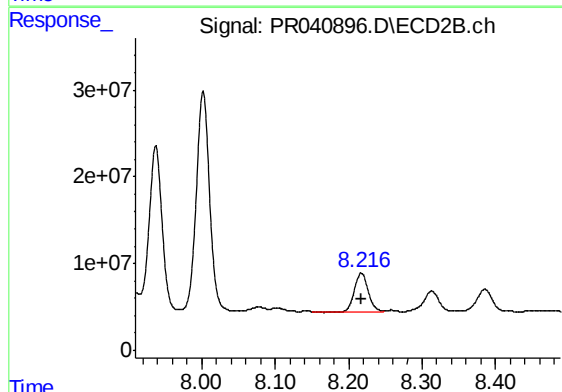
R.T.: 8.002 min
Delta R.T.: 0.000 min
Response: 313501243
Conc: 209.77 ng/ml



#43 AR-1268-3

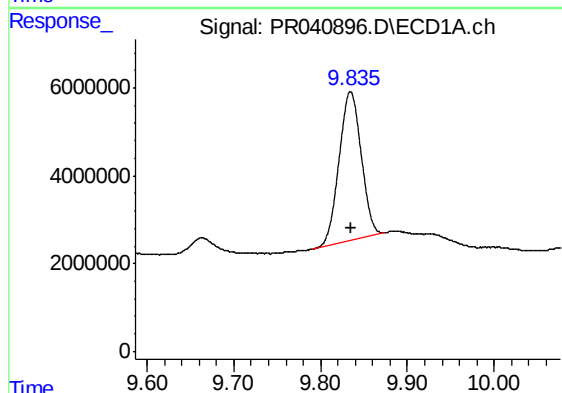
R.T.: 9.378 min
Delta R.T.: 0.000 min
Response: 22362948
Conc: 66.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D37



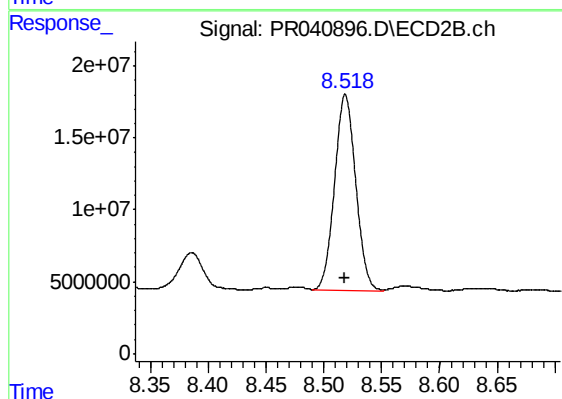
#43 AR-1268-3

R.T.: 8.217 min
Delta R.T.: 0.000 min
Response: 55986029
Conc: 44.80 ng/ml



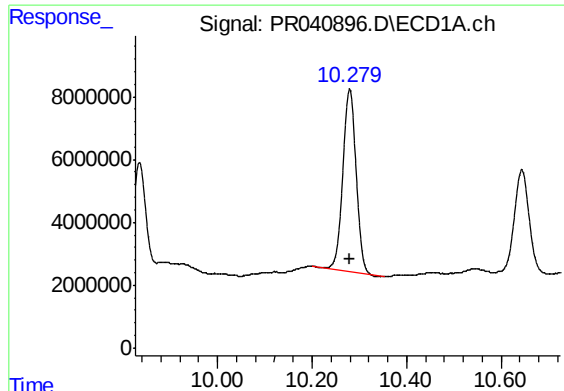
#44 AR-1268-4

R.T.: 9.835 min
Delta R.T.: 0.000 min
Response: 59808043
Conc: 417.02 ng/ml



#44 AR-1268-4

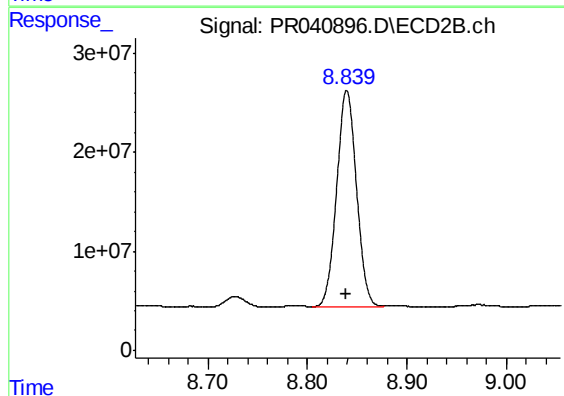
R.T.: 8.519 min
Delta R.T.: 0.000 min
Response: 173820020
Conc: 333.78 ng/ml



#45 AR-1268-5

R.T.: 10.280 min
Delta R.T.: 0.000 min
Response: 113502789
Conc: 100.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D37



#45 AR-1268-5

R.T.: 8.839 min
Delta R.T.: 0.000 min
Response: 302785891
Conc: 82.08 ng/ml