

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR100919\
 Data File : PR042181.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2019 20:41
 Operator : SM\AJ
 Sample : K5178-10DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 03:08:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR100319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 04 06:59:35 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...	4.726	3.990	7460053	31539509	1.834	2.063
2)	SA Decachlor...	10.643	9.097	21788306	56933735	6.341	5.743
Target Compounds							
3)	L1 AR-1016-1	5.902	5.085	18757825	74848731	130.654	137.692
4)	L1 AR-1016-2	5.926	5.106	26159255	84435420	127.920	116.983
5)	L1 AR-1016-3	5.989	5.285	13125756	51287160	107.965	140.649 #
6)	L1 AR-1016-4	6.087	5.323	15627474	177.0E6	153.661	637.837 #
7)	L1 AR-1016-5	6.382	5.540	48677714	119.0E6	488.875	384.876
8)	L2 AR-1221-1	0.000	4.164	0	26060322	N.D.	154.259 #
10)	L2 AR-1221-3	0.000	4.432f	0	73247265	N.D.	188.056 #
11)	L3 AR-1232-1	0.000	4.432f	0	73247265	N.D.	214.972 #
12)	L3 AR-1232-2	5.634	5.106	16006798	84435420	371.570	247.956 #
13)	L3 AR-1232-3	5.926	5.285	26159255	51287160	290.932	304.532
14)	L3 AR-1232-4	6.087	5.366	15627474	140.0E6	351.150	983.093 #
15)	L3 AR-1232-5	6.174	5.540	52484669	119.0E6	1597.627	883.175 #
16)	L4 AR-1242-1	5.902	5.085	18757825	74848731	170.100	176.239
17)	L4 AR-1242-2	5.926	5.106	26159255	84435420	168.497	148.364
18)	L4 AR-1242-3	5.989	5.285	13125756	51287160	139.890	177.706 #
19)	L4 AR-1242-4	6.087	5.366	15627474	140.0E6	201.158	537.916 #
20)	L4 AR-1242-5	6.825	5.893	84965099	270.9E6	970.718	1020.968
21)	L5 AR-1248-1	5.902	5.085	18757825	74848731	225.421	229.640
22)	L5 AR-1248-2	6.174	5.323	52484669	177.0E6	457.365	475.222
23)	L5 AR-1248-3	6.382	5.366	48677714	140.0E6	375.434	374.095
24)	L5 AR-1248-4	6.785	5.540	66378671	119.0E6	432.585	298.809 #
25)	L5 AR-1248-5	6.825	5.935	84965099	139.0E6	586.818	397.850 #
26)	L6 AR-1254-1	6.758	5.893	86717204	270.9E6	530.991	511.305
27)	L6 AR-1254-2	6.978	6.041	135.4E6	167.8E6	545.640	334.768 #
28)	L6 AR-1254-3	7.345	6.447	136.6E6	416.2E6	506.309	441.146
29)	L6 AR-1254-4	7.629	6.674	99723621	330.7E6	491.354	499.483
30)	L6 AR-1254-5	8.049	7.094	94374180	276.0E6	443.793	321.424 #
31)	L7 AR-1260-1	7.507	6.580	49857520	156.5E6	263.148	263.965
32)	L7 AR-1260-2	7.761	6.764	66929490	178.1E6	283.166	218.484
33)	L7 AR-1260-3	8.120	6.920	23384003	143.9E6	124.563	208.220 #
34)	L7 AR-1260-4	8.355	7.393	52945122	45243238	263.452	77.966 #
35)	L7 AR-1260-5	8.701	7.632	40338025	190.9E6	93.184	117.401 #
36)	L8 AR-1262-1	8.184	7.094	22026319	276.0E6	233.997	633.319 #
37)	L8 AR-1262-2	8.701	7.632	40338025	190.9E6	93.518	110.878
38)	L8 AR-1262-3	9.053	7.919	34107186	35185554	122.360	53.906 #
39)	L8 AR-1262-4	9.109	7.983	12256421	86202109	59.826	73.767
40)	L8 AR-1262-5	9.835	8.499	12470881	30721939	86.454	57.434 #
41)	L9 AR-1268-1	9.053	7.919	34107186	35185554	62.098	16.047 #
42)	L9 AR-1268-2	9.109	7.983	12256421	86202109	24.652	43.321 #

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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	0.000	8.200	0	47150018	N.D.	28.135 #
44) L9	AR-1268-4	9.835	8.499	12470881	30721939	71.080	47.605 #
45) L9	AR-1268-5	10.278	8.817	10210750	26440739	7.836	5.762 #

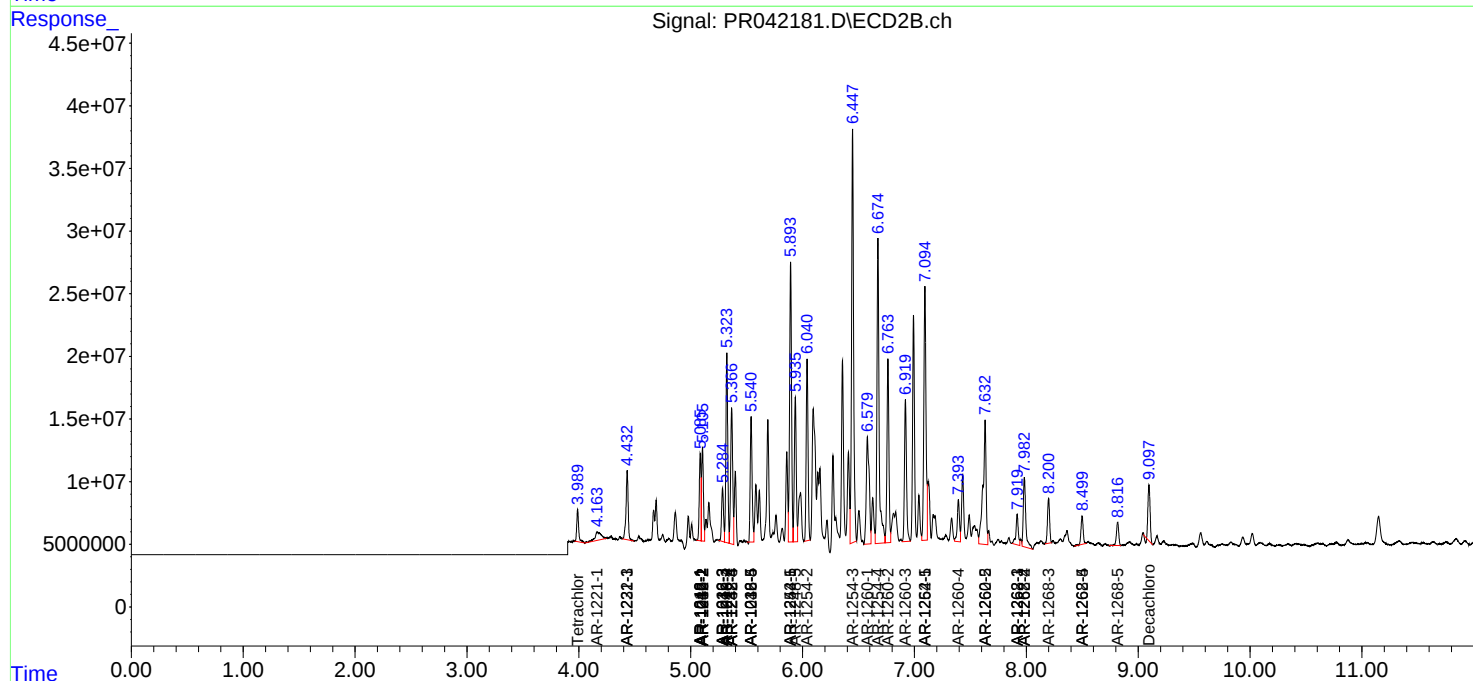
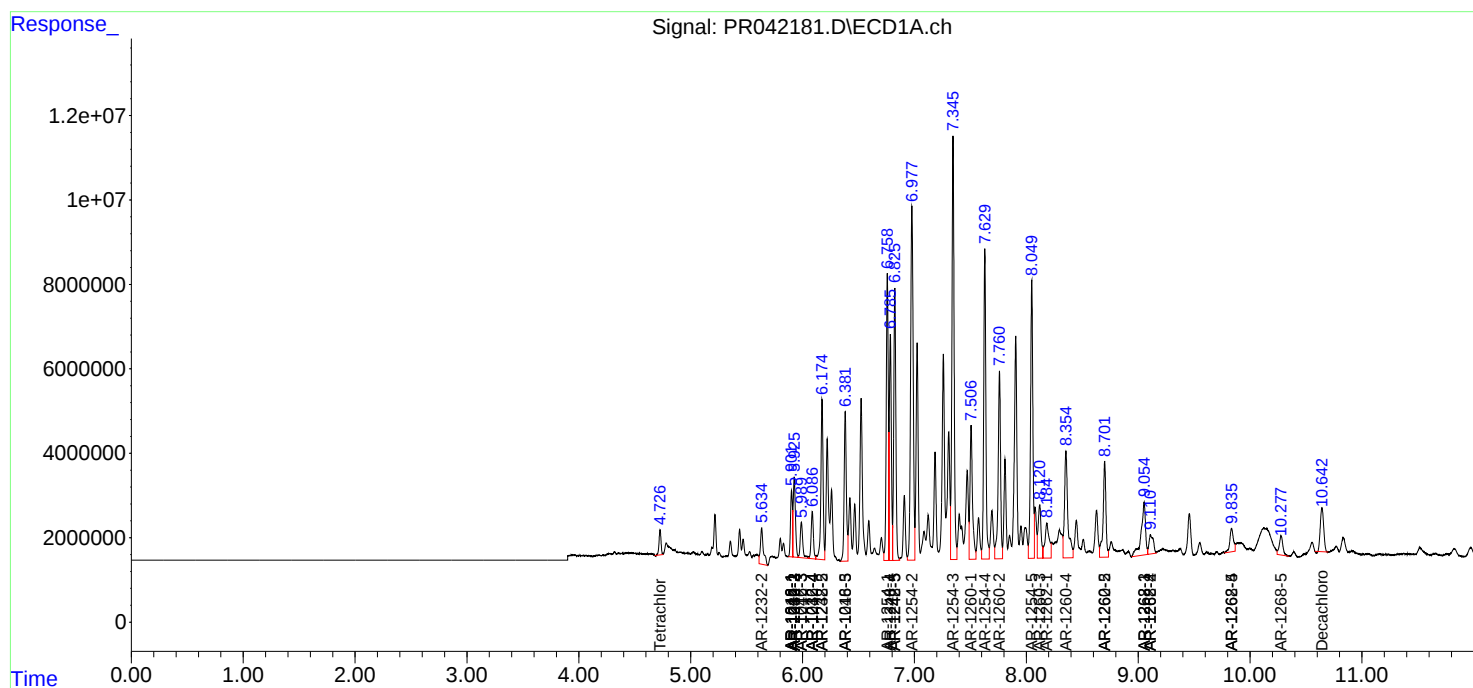
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

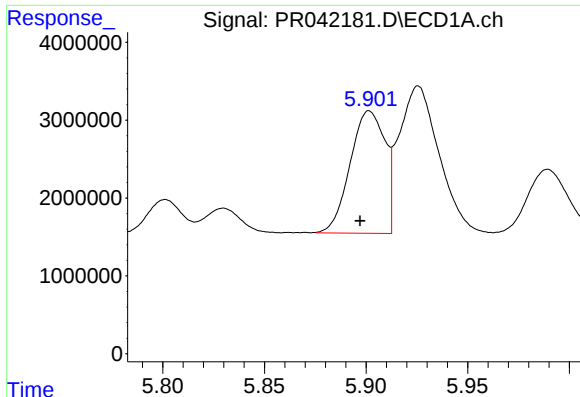
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Data File : PR042181.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On    : 09 Oct 2019  20:41
Operator  : SM\AJ
Sample    : K5178-10DL 5X
Misc      :
ALS Vial  : 23   Sample Multiplier: 1
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Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:08:12 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR100319CLP.M
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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

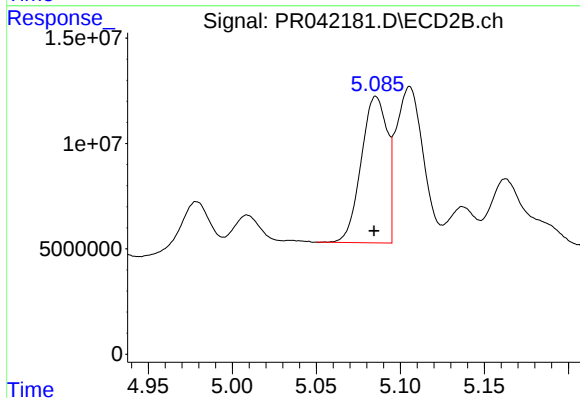




#3 AR-1016-1

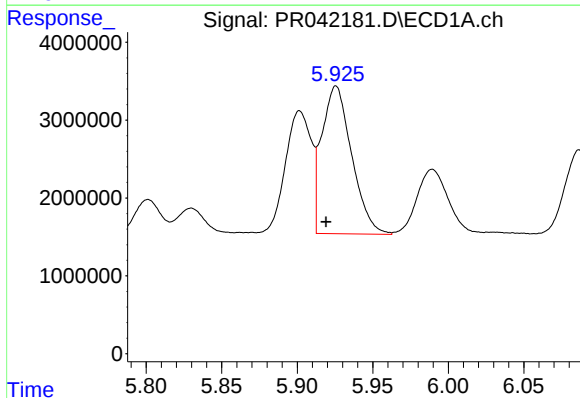
R.T.: 5.902 min
Delta R.T.: 0.005 min
Response: 18757825
Conc: 130.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



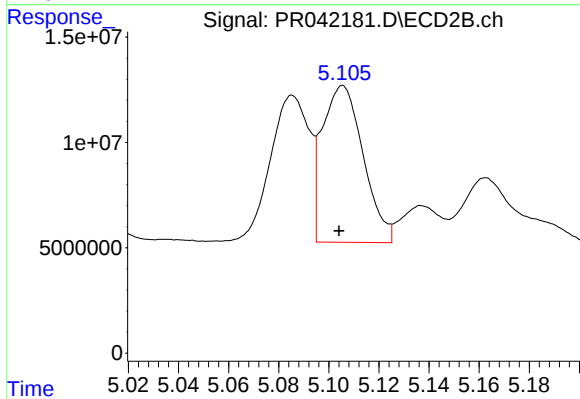
#3 AR-1016-1

R.T.: 5.085 min
Delta R.T.: 0.001 min
Response: 74848731
Conc: 137.69 ng/ml



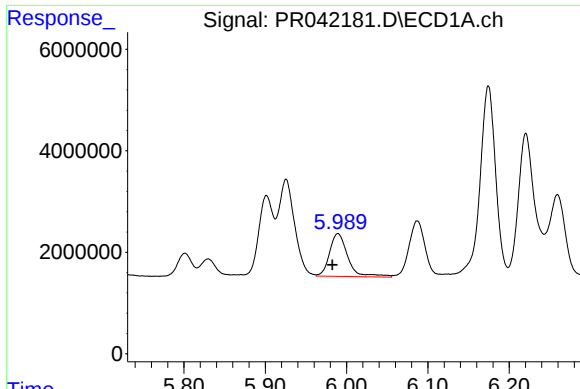
#4 AR-1016-2

R.T.: 5.926 min
Delta R.T.: 0.006 min
Response: 26159255
Conc: 127.92 ng/ml



#4 AR-1016-2

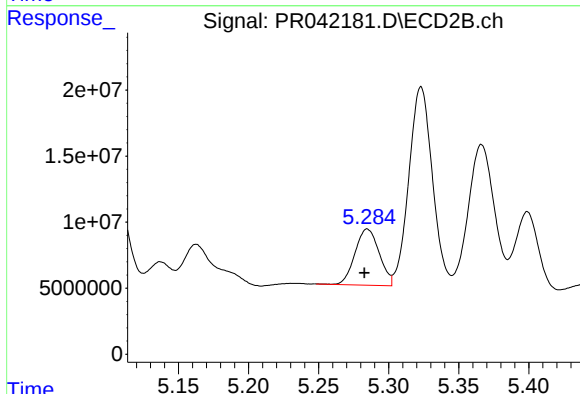
R.T.: 5.106 min
Delta R.T.: 0.002 min
Response: 84435420
Conc: 116.98 ng/ml



#5 AR-1016-3

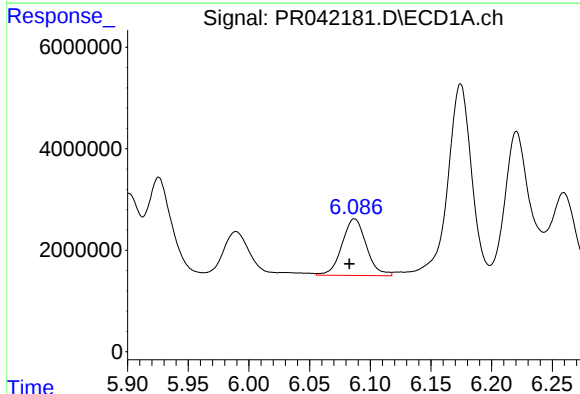
R.T.: 5.989 min
Delta R.T.: 0.007 min
Response: 13125756
Conc: 107.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



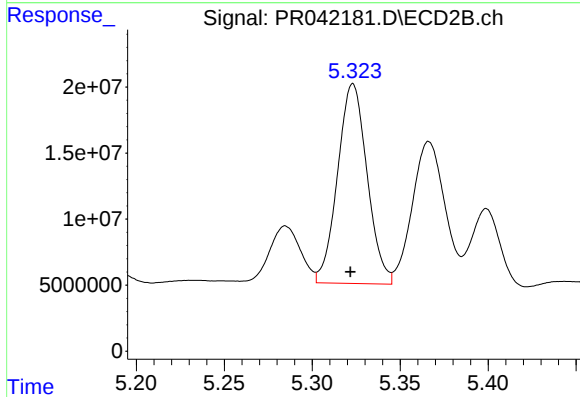
#5 AR-1016-3

R.T.: 5.285 min
Delta R.T.: 0.002 min
Response: 51287160
Conc: 140.65 ng/ml



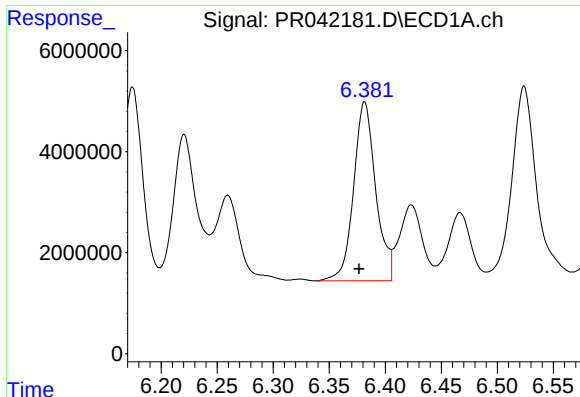
#6 AR-1016-4

R.T.: 6.087 min
Delta R.T.: 0.004 min
Response: 15627474
Conc: 153.66 ng/ml



#6 AR-1016-4

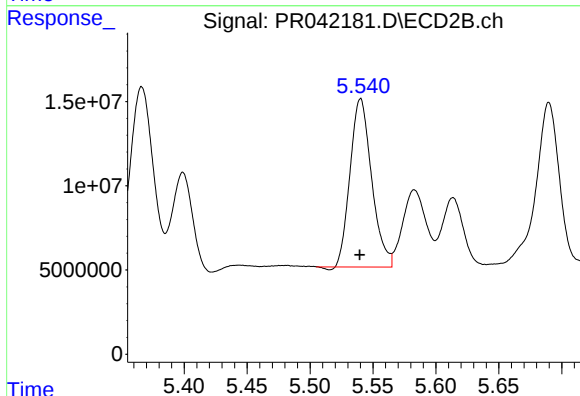
R.T.: 5.323 min
Delta R.T.: 0.001 min
Response: 177006290
Conc: 637.84 ng/ml



#7 AR-1016-5

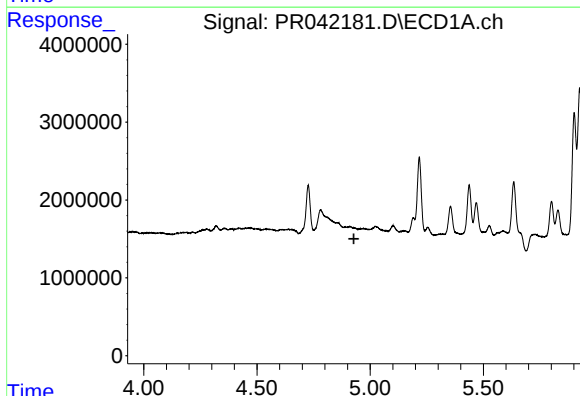
R.T.: 6.382 min
Delta R.T.: 0.005 min
Response: 48677714
Conc: 488.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



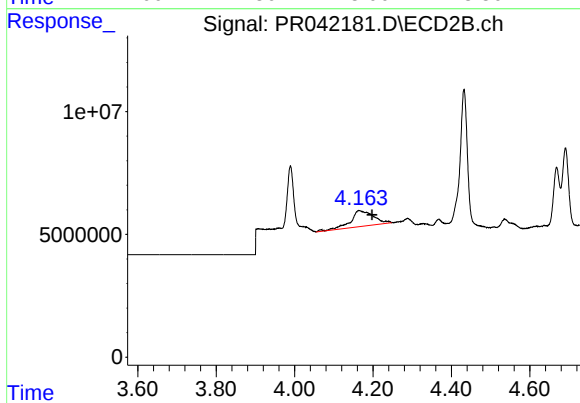
#7 AR-1016-5

R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 119008659
Conc: 384.88 ng/ml



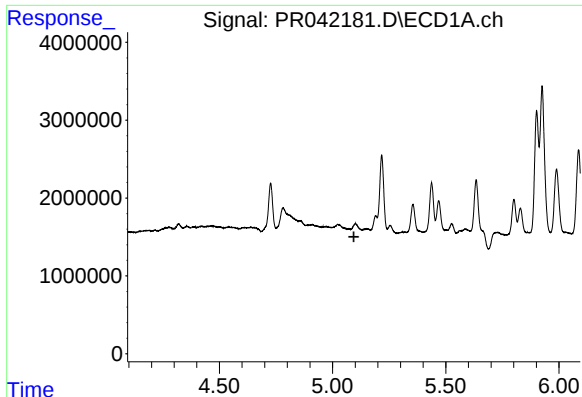
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.928 min
Response: 0
Conc: N.D.



#8 AR-1221-1

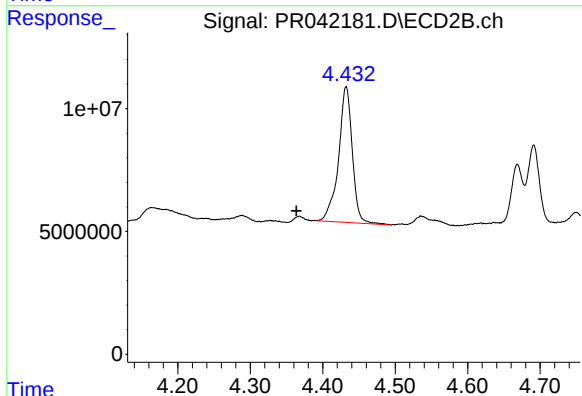
R.T.: 4.164 min
Delta R.T.: -0.034 min
Response: 26060322
Conc: 154.26 ng/ml



#10 AR-1221-3

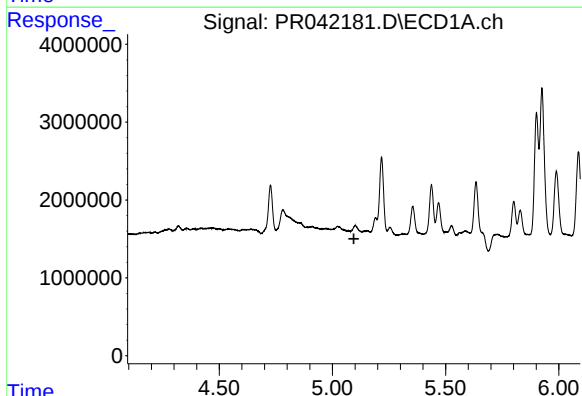
R.T.: 0.000 min
Exp R.T.: 5.094 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



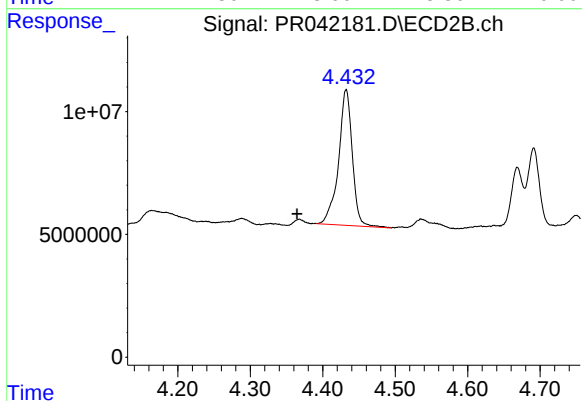
#10 AR-1221-3

R.T.: 4.432 min
Delta R.T.: 0.069 min
Response: 73247265
Conc: 188.06 ng/ml



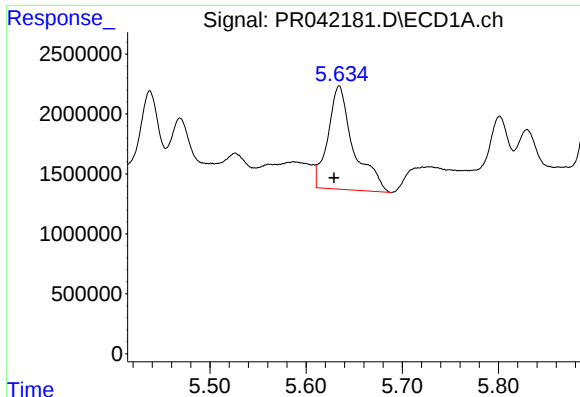
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 5.095 min
Response: 0
Conc: N.D.



#11 AR-1232-1

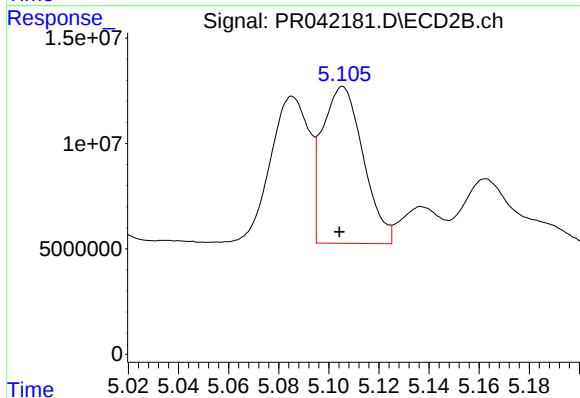
R.T.: 4.432 min
Delta R.T.: 0.068 min
Response: 73247265
Conc: 214.97 ng/ml



#12 AR-1232-2

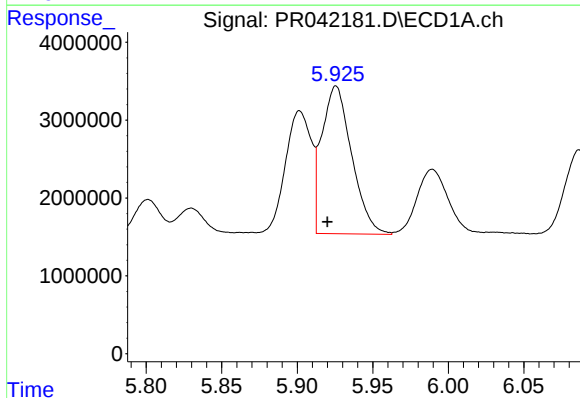
R.T.: 5.634 min
Delta R.T.: 0.005 min
Response: 16006798
Conc: 371.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



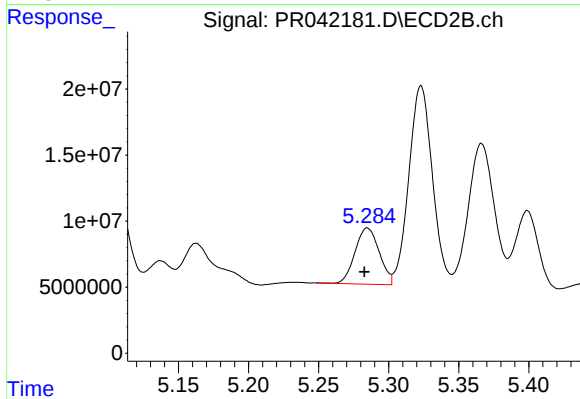
#12 AR-1232-2

R.T.: 5.106 min
Delta R.T.: 0.001 min
Response: 84435420
Conc: 247.96 ng/ml



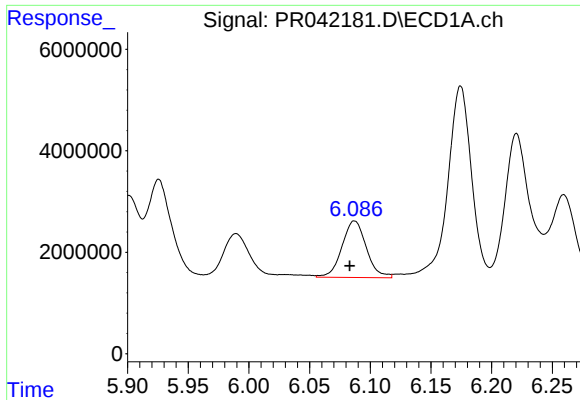
#13 AR-1232-3

R.T.: 5.926 min
Delta R.T.: 0.006 min
Response: 26159255
Conc: 290.93 ng/ml



#13 AR-1232-3

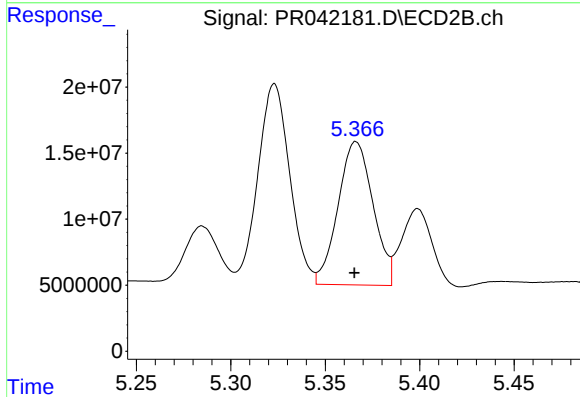
R.T.: 5.285 min
Delta R.T.: 0.002 min
Response: 51287160
Conc: 304.53 ng/ml



#14 AR-1232-4

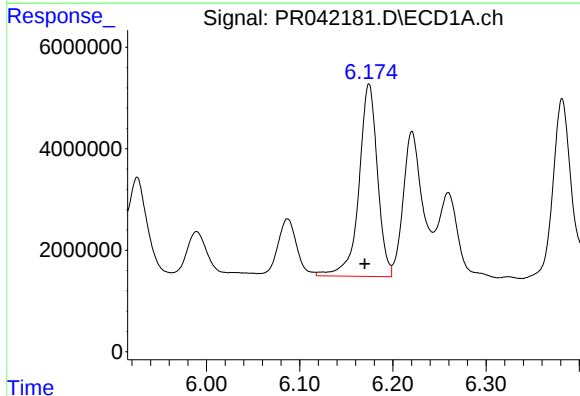
R.T.: 6.087 min
Delta R.T.: 0.004 min
Response: 15627474
Conc: 351.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



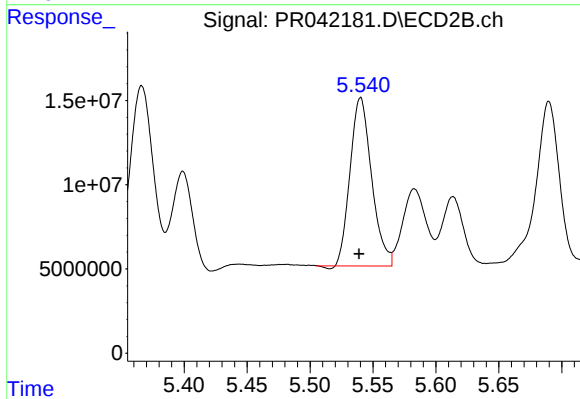
#14 AR-1232-4

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 140030779
Conc: 983.09 ng/ml



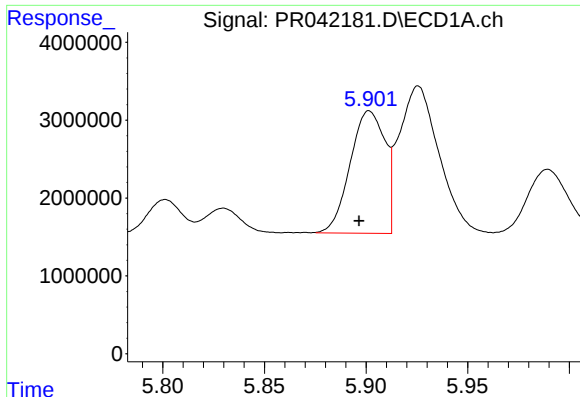
#15 AR-1232-5

R.T.: 6.174 min
Delta R.T.: 0.005 min
Response: 52484669
Conc: 1597.63 ng/ml



#15 AR-1232-5

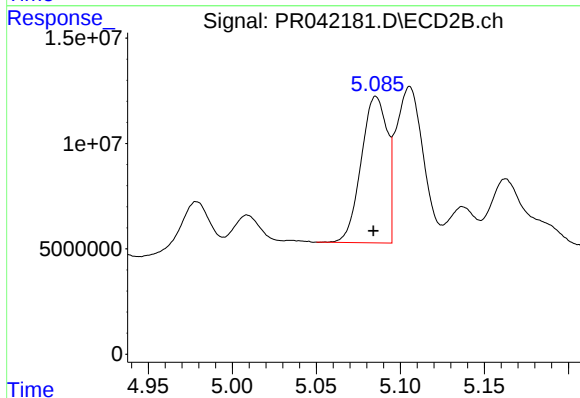
R.T.: 5.540 min
Delta R.T.: 0.001 min
Response: 119008659
Conc: 883.18 ng/ml



#16 AR-1242-1

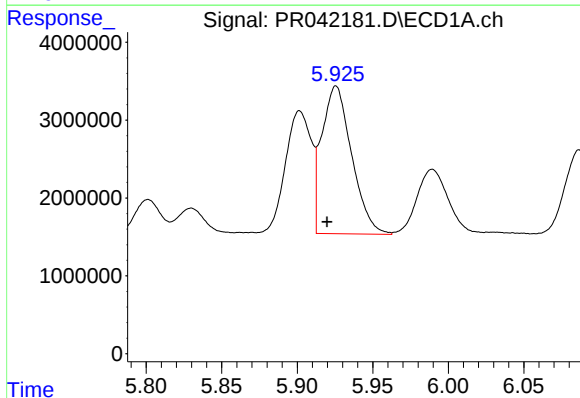
R.T.: 5.902 min
Delta R.T.: 0.005 min
Response: 18757825
Conc: 170.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



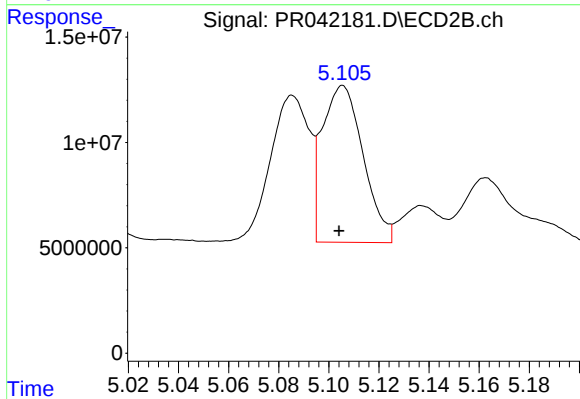
#16 AR-1242-1

R.T.: 5.085 min
Delta R.T.: 0.001 min
Response: 74848731
Conc: 176.24 ng/ml



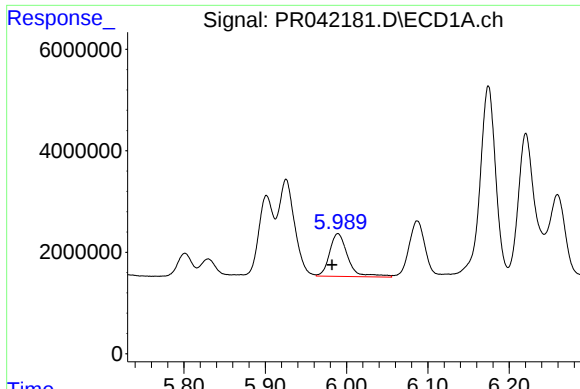
#17 AR-1242-2

R.T.: 5.926 min
Delta R.T.: 0.006 min
Response: 26159255
Conc: 168.50 ng/ml



#17 AR-1242-2

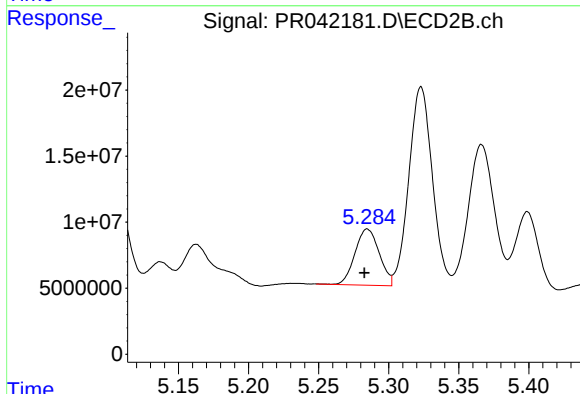
R.T.: 5.106 min
Delta R.T.: 0.001 min
Response: 84435420
Conc: 148.36 ng/ml



#18 AR-1242-3

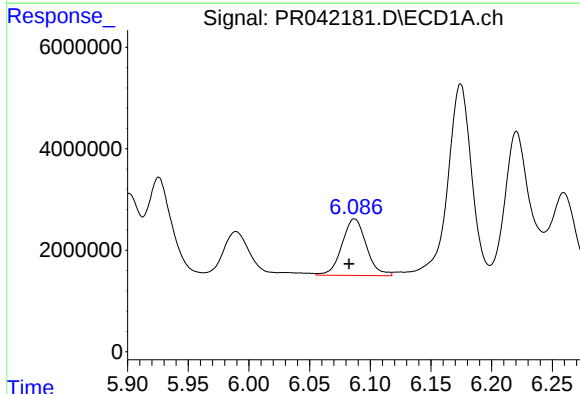
R.T.: 5.989 min
Delta R.T.: 0.007 min
Response: 13125756
Conc: 139.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



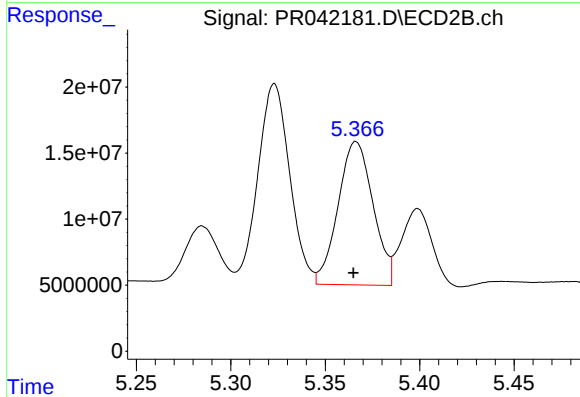
#18 AR-1242-3

R.T.: 5.285 min
Delta R.T.: 0.002 min
Response: 51287160
Conc: 177.71 ng/ml



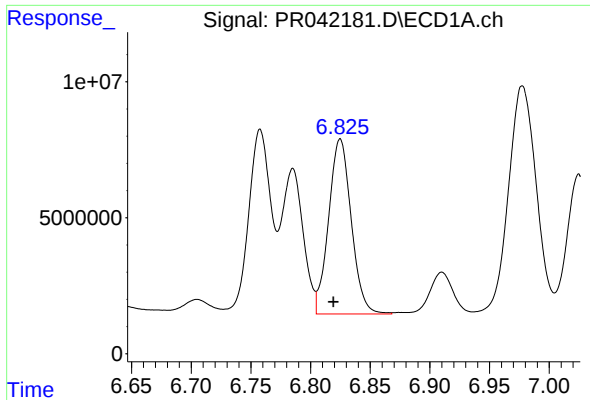
#19 AR-1242-4

R.T.: 6.087 min
Delta R.T.: 0.005 min
Response: 15627474
Conc: 201.16 ng/ml



#19 AR-1242-4

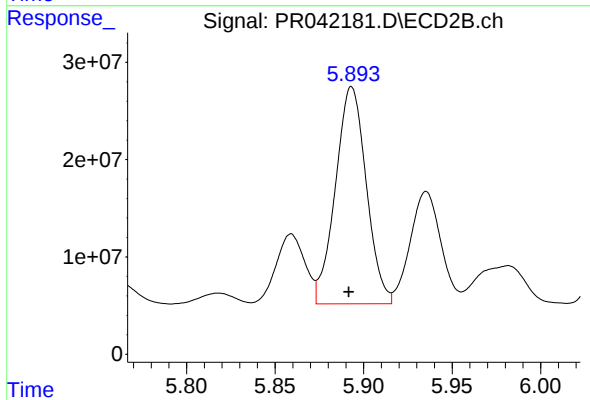
R.T.: 5.366 min
Delta R.T.: 0.001 min
Response: 140030779
Conc: 537.92 ng/ml



#20 AR-1242-5

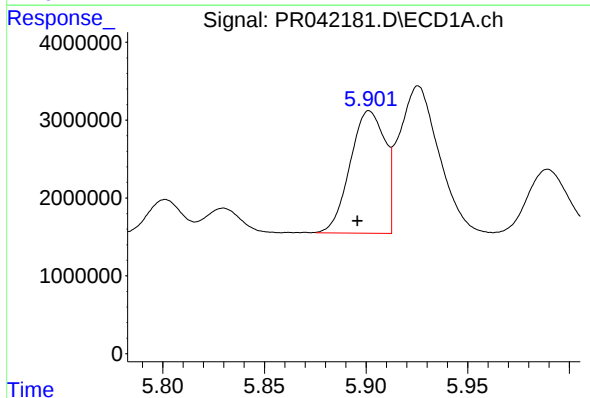
R.T.: 6.825 min
Delta R.T.: 0.006 min
Response: 84965099
Conc: 970.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



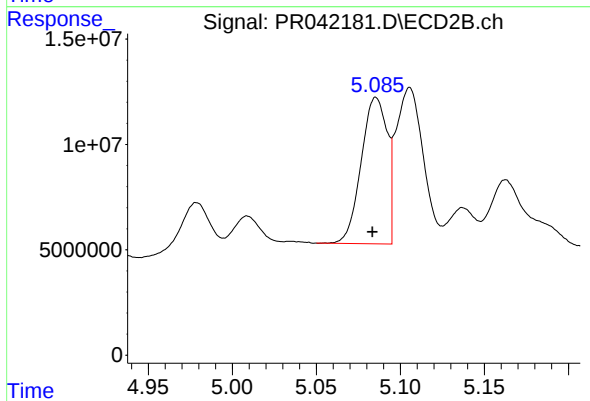
#20 AR-1242-5

R.T.: 5.893 min
Delta R.T.: 0.002 min
Response: 270856406
Conc: 1020.97 ng/ml



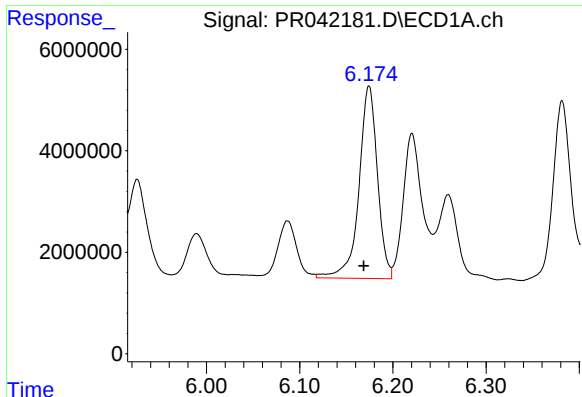
#21 AR-1248-1

R.T.: 5.902 min
Delta R.T.: 0.006 min
Response: 18757825
Conc: 225.42 ng/ml



#21 AR-1248-1

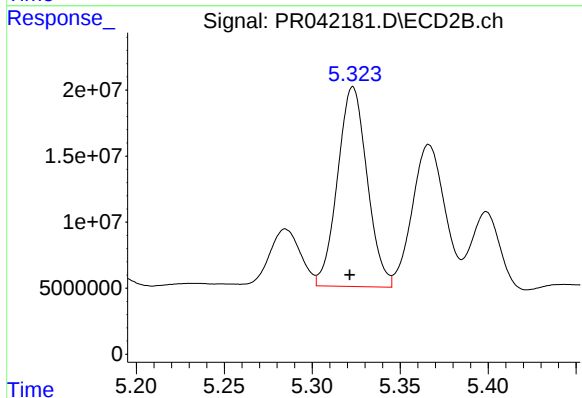
R.T.: 5.085 min
Delta R.T.: 0.002 min
Response: 74848731
Conc: 229.64 ng/ml



#22 AR-1248-2

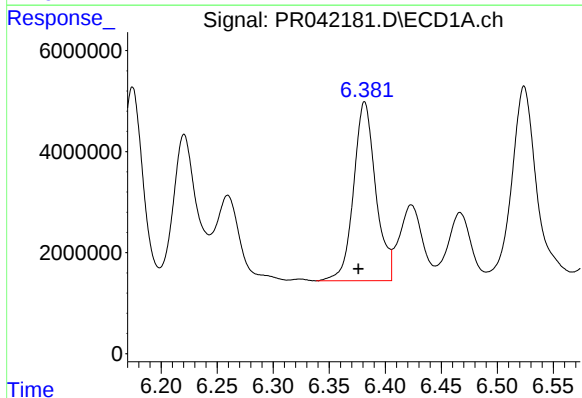
R.T.: 6.174 min
Delta R.T.: 0.006 min
Response: 52484669
Conc: 457.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



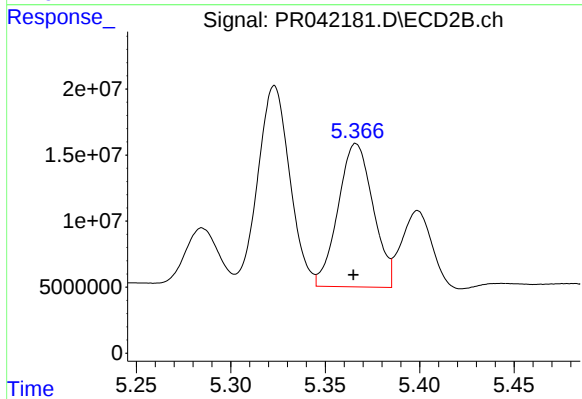
#22 AR-1248-2

R.T.: 5.323 min
Delta R.T.: 0.002 min
Response: 177006290
Conc: 475.22 ng/ml



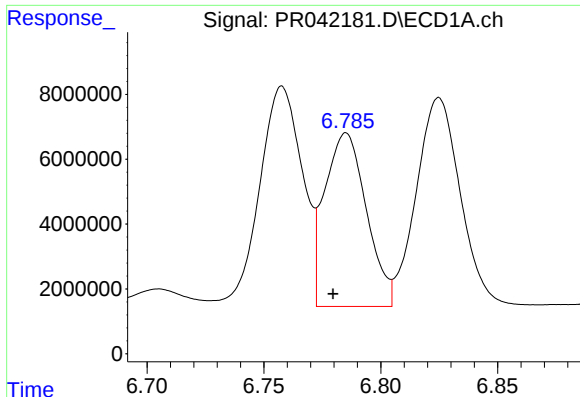
#23 AR-1248-3

R.T.: 6.382 min
Delta R.T.: 0.006 min
Response: 48677714
Conc: 375.43 ng/ml



#23 AR-1248-3

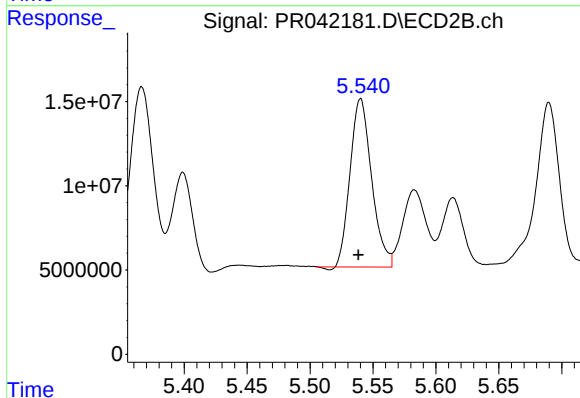
R.T.: 5.366 min
Delta R.T.: 0.001 min
Response: 140030779
Conc: 374.09 ng/ml



#24 AR-1248-4

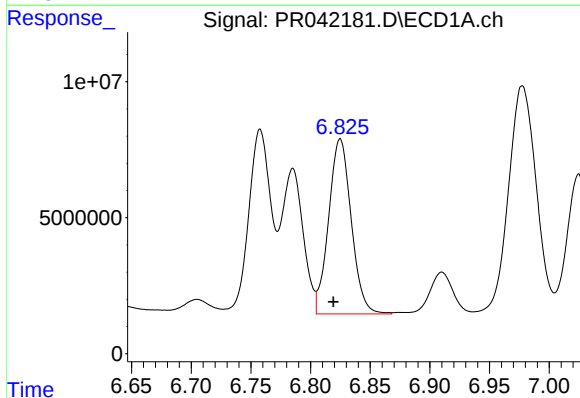
R.T.: 6.785 min
Delta R.T.: 0.006 min
Response: 66378671
Conc: 432.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



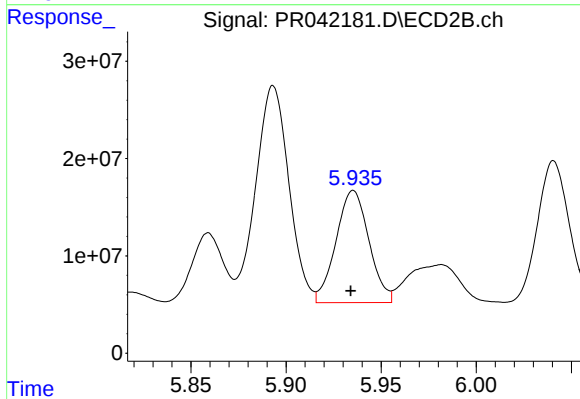
#24 AR-1248-4

R.T.: 5.540 min
Delta R.T.: 0.002 min
Response: 119008659
Conc: 298.81 ng/ml



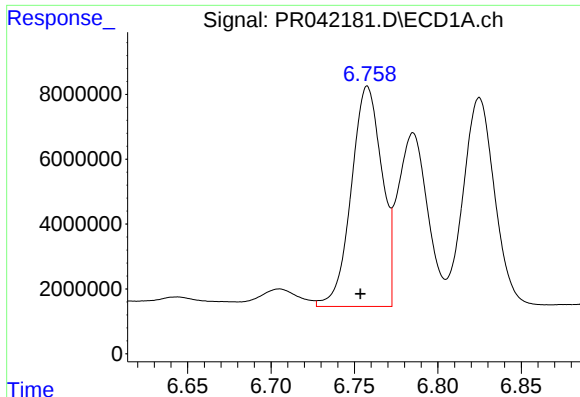
#25 AR-1248-5

R.T.: 6.825 min
Delta R.T.: 0.006 min
Response: 84965099
Conc: 586.82 ng/ml



#25 AR-1248-5

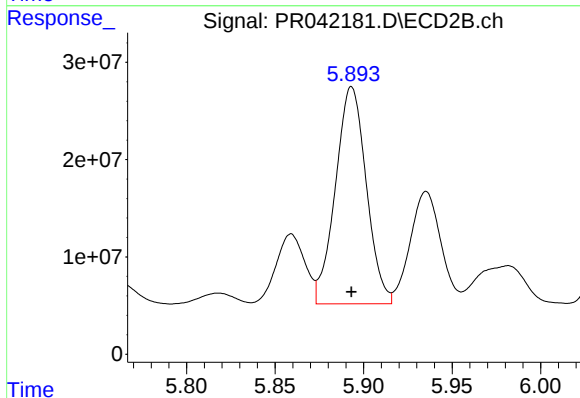
R.T.: 5.935 min
Delta R.T.: 0.001 min
Response: 138954046
Conc: 397.85 ng/ml



#26 AR-1254-1

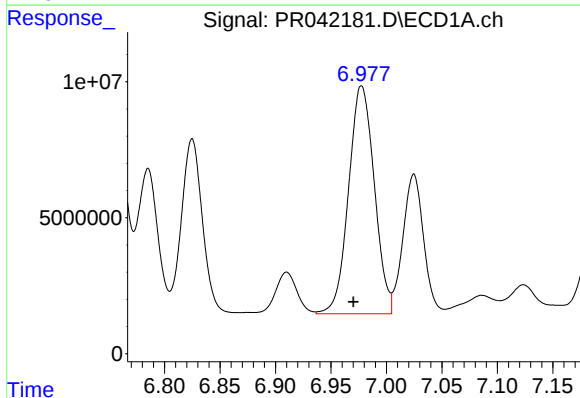
R.T.: 6.758 min
Delta R.T.: 0.004 min
Response: 86717204
Conc: 530.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



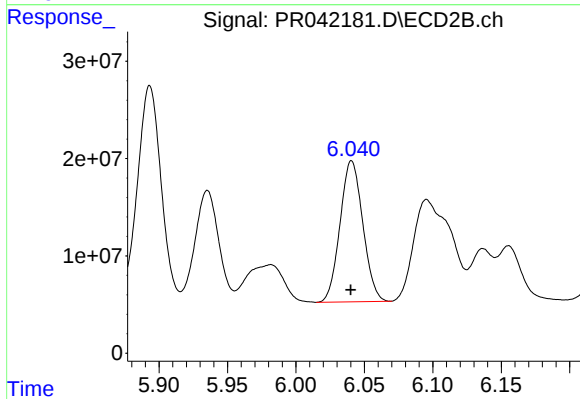
#26 AR-1254-1

R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 270856406
Conc: 511.31 ng/ml



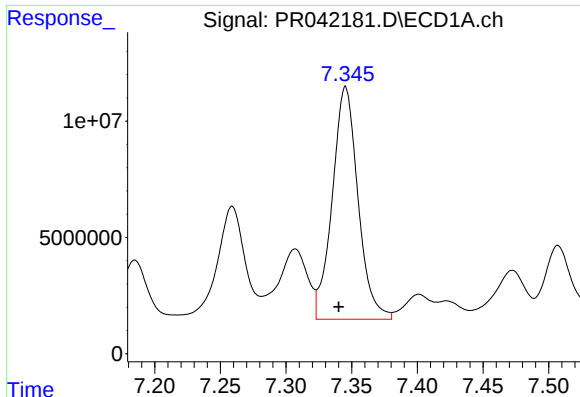
#27 AR-1254-2

R.T.: 6.978 min
Delta R.T.: 0.007 min
Response: 135373298
Conc: 545.64 ng/ml



#27 AR-1254-2

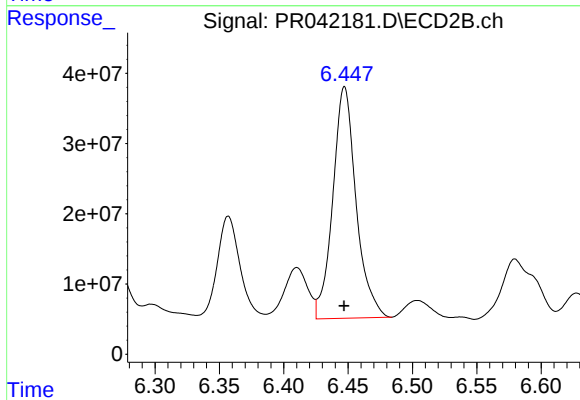
R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 167837385
Conc: 334.77 ng/ml



#28 AR-1254-3

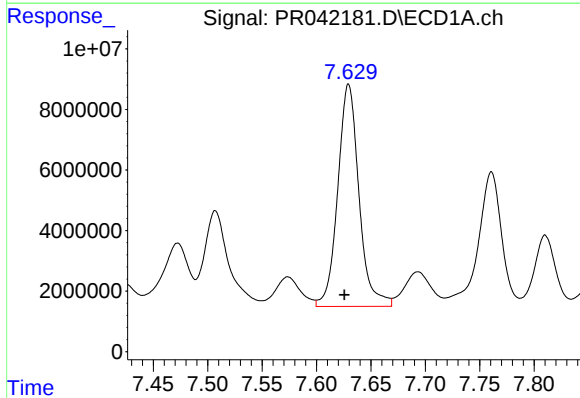
R.T.: 7.345 min
Delta R.T.: 0.005 min
Response: 136633347
Conc: 506.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



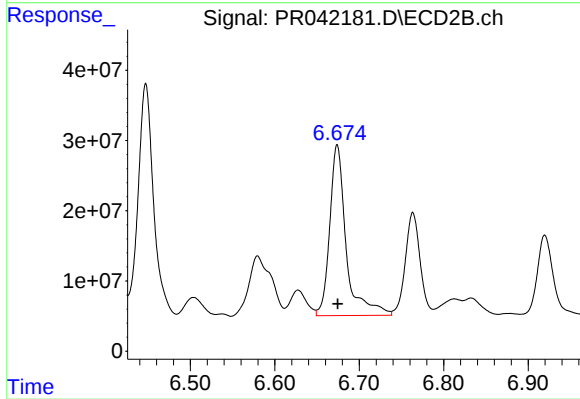
#28 AR-1254-3

R.T.: 6.447 min
Delta R.T.: 0.000 min
Response: 416197371
Conc: 441.15 ng/ml



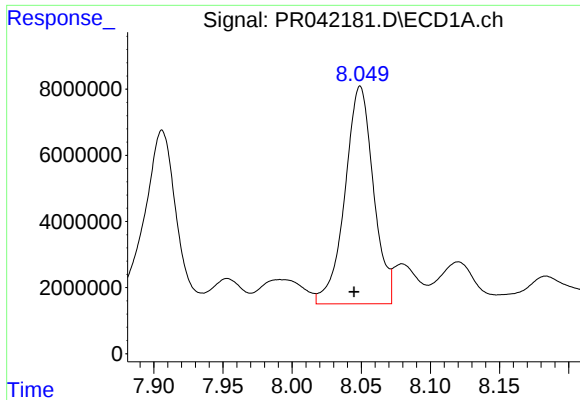
#29 AR-1254-4

R.T.: 7.629 min
Delta R.T.: 0.004 min
Response: 99723621
Conc: 491.35 ng/ml



#29 AR-1254-4

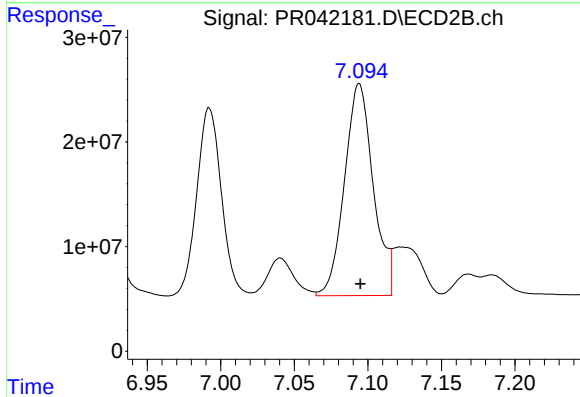
R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 330697211
Conc: 499.48 ng/ml



#30 AR-1254-5

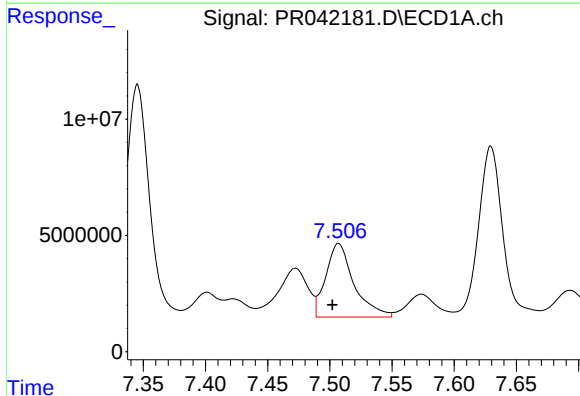
R.T.: 8.049 min
Delta R.T.: 0.004 min
Response: 94374180
Conc: 443.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



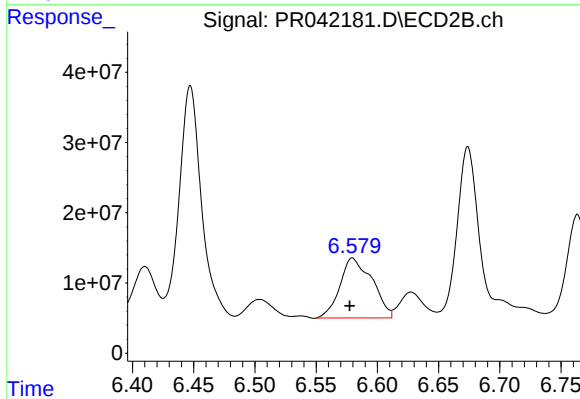
#30 AR-1254-5

R.T.: 7.094 min
Delta R.T.: 0.000 min
Response: 275989101
Conc: 321.42 ng/ml



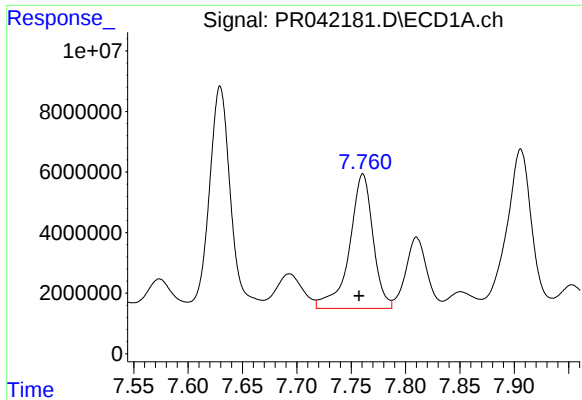
#31 AR-1260-1

R.T.: 7.507 min
Delta R.T.: 0.005 min
Response: 49857520
Conc: 263.15 ng/ml



#31 AR-1260-1

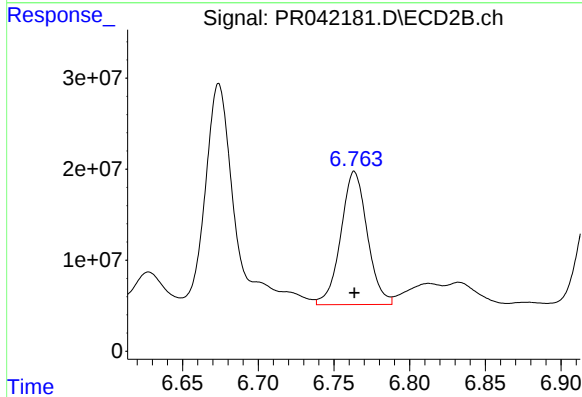
R.T.: 6.580 min
Delta R.T.: 0.002 min
Response: 156470341
Conc: 263.97 ng/ml



#32 AR-1260-2

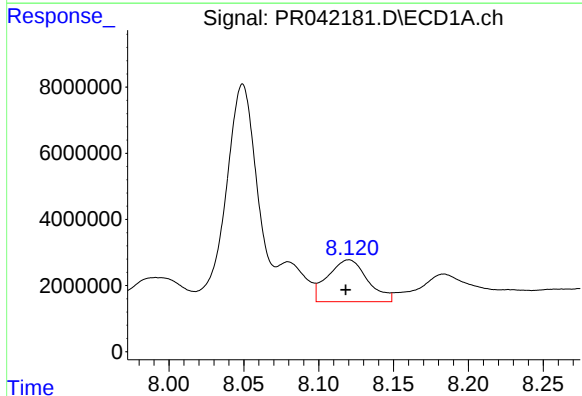
R.T.: 7.761 min
Delta R.T.: 0.004 min
Response: 66929490
Conc: 283.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



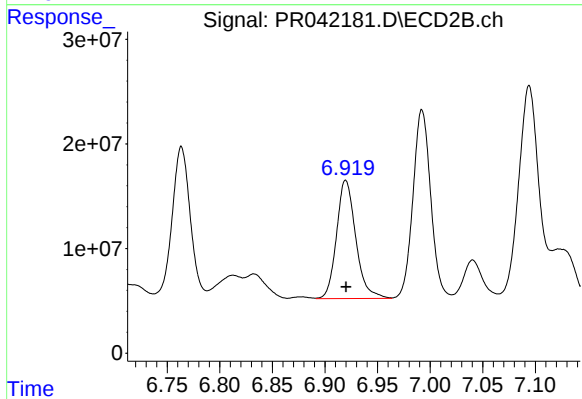
#32 AR-1260-2

R.T.: 6.764 min
Delta R.T.: 0.000 min
Response: 178124637
Conc: 218.48 ng/ml



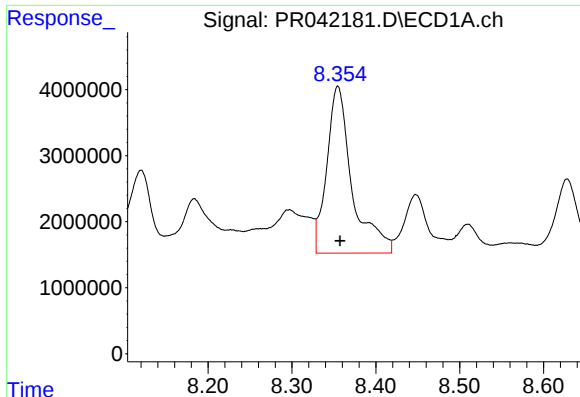
#33 AR-1260-3

R.T.: 8.120 min
Delta R.T.: 0.002 min
Response: 23384003
Conc: 124.56 ng/ml



#33 AR-1260-3

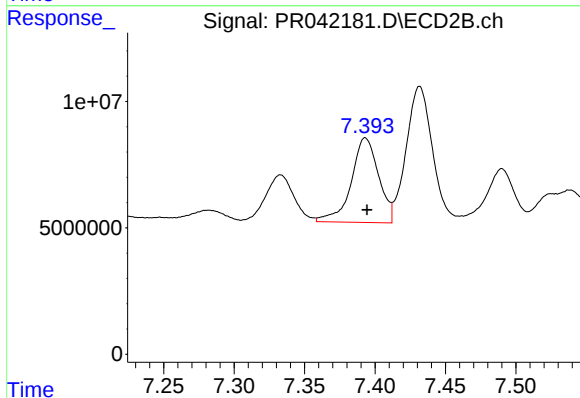
R.T.: 6.920 min
Delta R.T.: 0.000 min
Response: 143944245
Conc: 208.22 ng/ml



#34 AR-1260-4

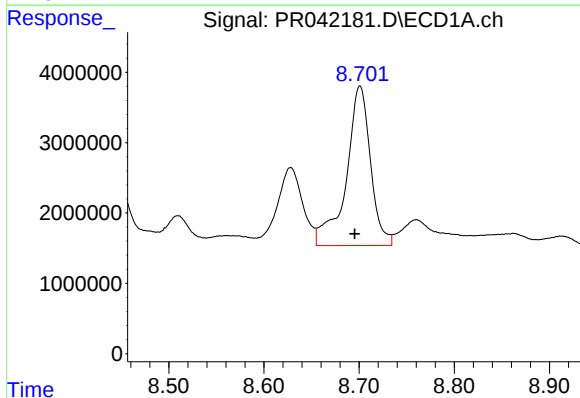
R.T.: 8.355 min
Delta R.T.: -0.003 min
Response: 52945122
Conc: 263.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



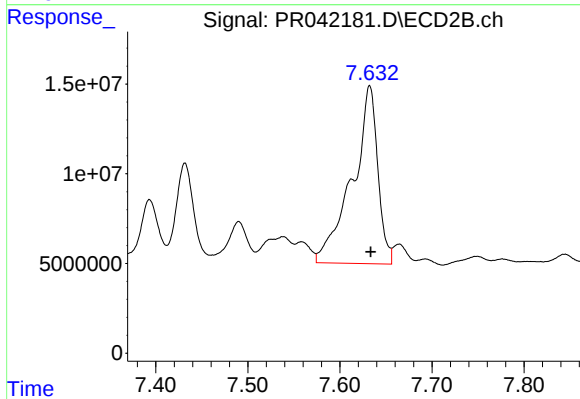
#34 AR-1260-4

R.T.: 7.393 min
Delta R.T.: -0.001 min
Response: 45243238
Conc: 77.97 ng/ml



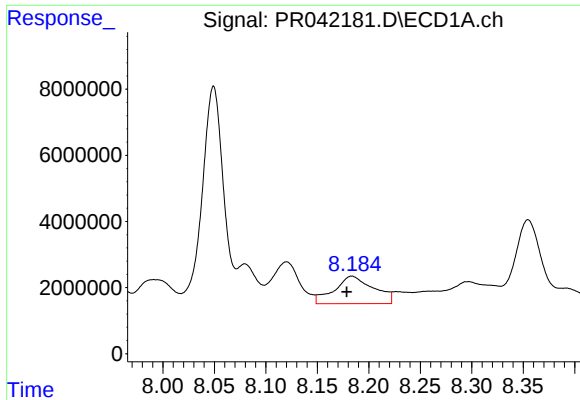
#35 AR-1260-5

R.T.: 8.701 min
Delta R.T.: 0.006 min
Response: 40338025
Conc: 93.18 ng/ml



#35 AR-1260-5

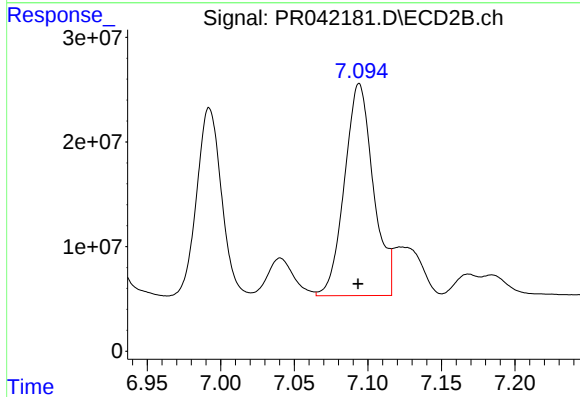
R.T.: 7.632 min
Delta R.T.: -0.001 min
Response: 190877108
Conc: 117.40 ng/ml



#36 AR-1262-1

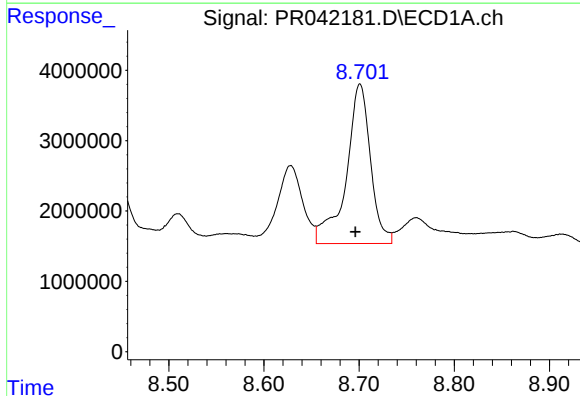
R.T.: 8.184 min
Delta R.T.: 0.005 min
Response: 22026319
Conc: 234.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



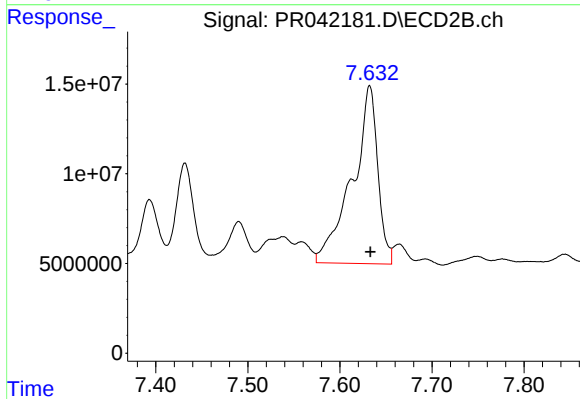
#36 AR-1262-1

R.T.: 7.094 min
Delta R.T.: 0.000 min
Response: 275989101
Conc: 633.32 ng/ml



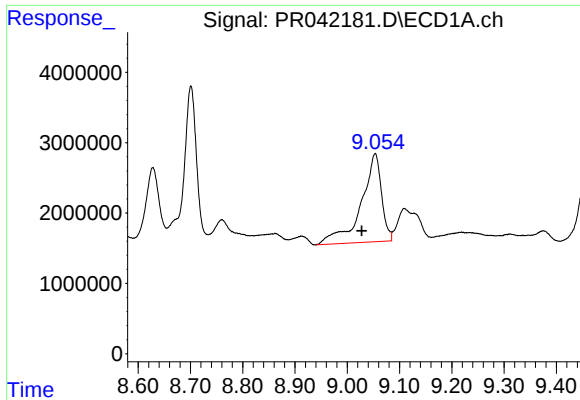
#37 AR-1262-2

R.T.: 8.701 min
Delta R.T.: 0.005 min
Response: 40338025
Conc: 93.52 ng/ml



#37 AR-1262-2

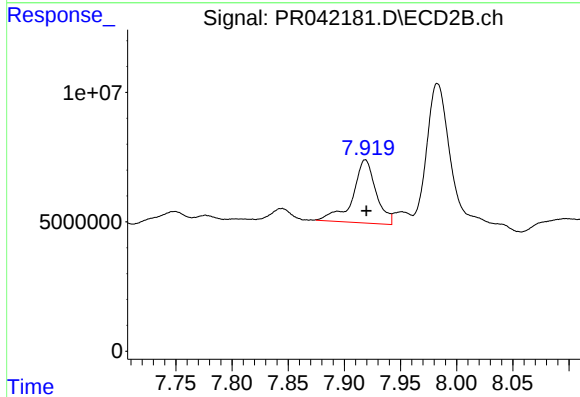
R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 190877108
Conc: 110.88 ng/ml



#38 AR-1262-3

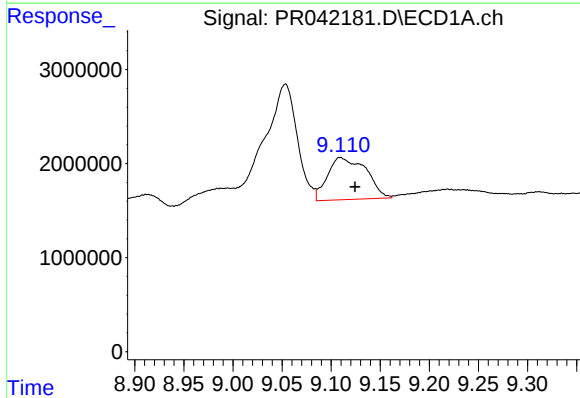
R.T.: 9.053 min
Delta R.T.: 0.025 min
Response: 34107186
Conc: 122.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



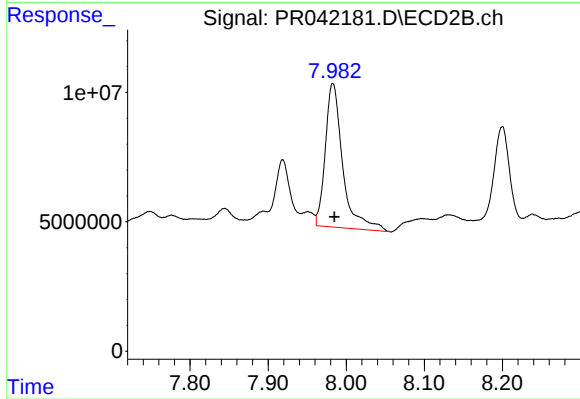
#38 AR-1262-3

R.T.: 7.919 min
Delta R.T.: -0.001 min
Response: 35185554
Conc: 53.91 ng/ml



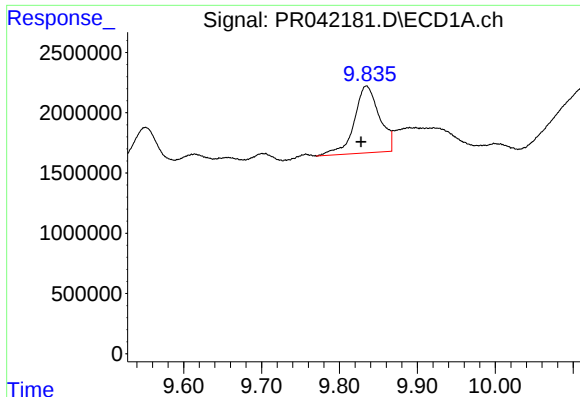
#39 AR-1262-4

R.T.: 9.109 min
Delta R.T.: -0.015 min
Response: 12256421
Conc: 59.83 ng/ml



#39 AR-1262-4

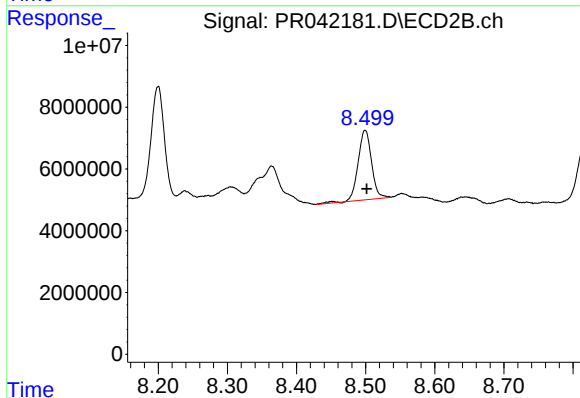
R.T.: 7.983 min
Delta R.T.: -0.002 min
Response: 86202109
Conc: 73.77 ng/ml



#40 AR-1262-5

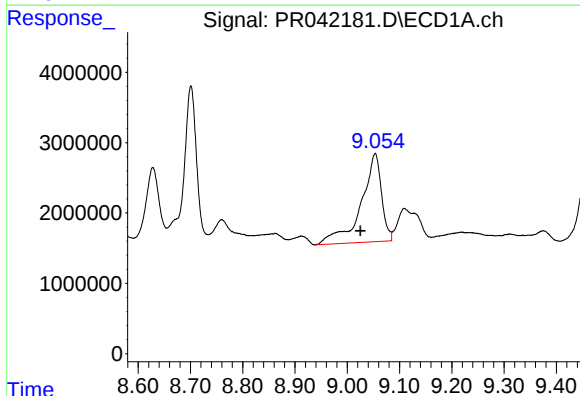
R.T.: 9.835 min
Delta R.T.: 0.007 min
Response: 12470881
Conc: 86.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



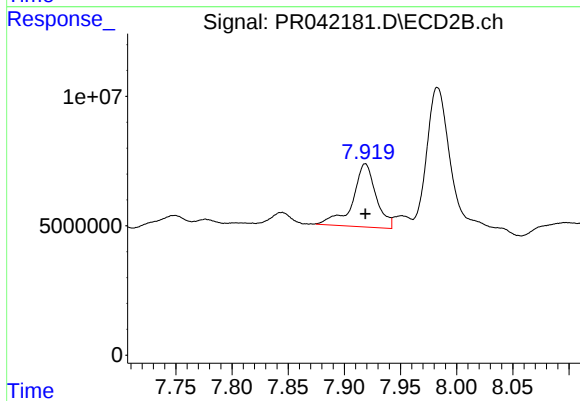
#40 AR-1262-5

R.T.: 8.499 min
Delta R.T.: -0.002 min
Response: 30721939
Conc: 57.43 ng/ml



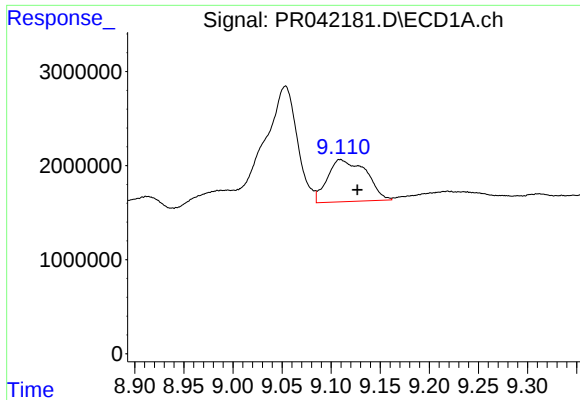
#41 AR-1268-1

R.T.: 9.053 min
Delta R.T.: 0.028 min
Response: 34107186
Conc: 62.10 ng/ml



#41 AR-1268-1

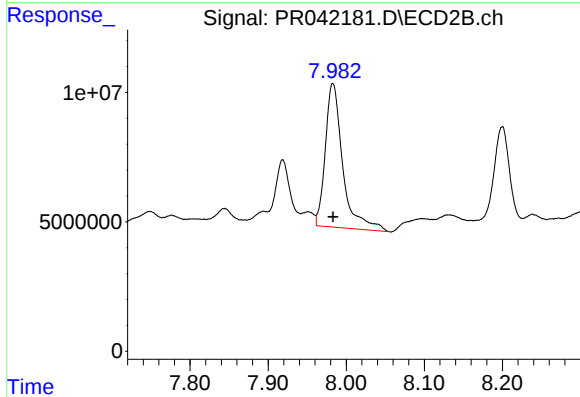
R.T.: 7.919 min
Delta R.T.: 0.000 min
Response: 35185554
Conc: 16.05 ng/ml



#42 AR-1268-2

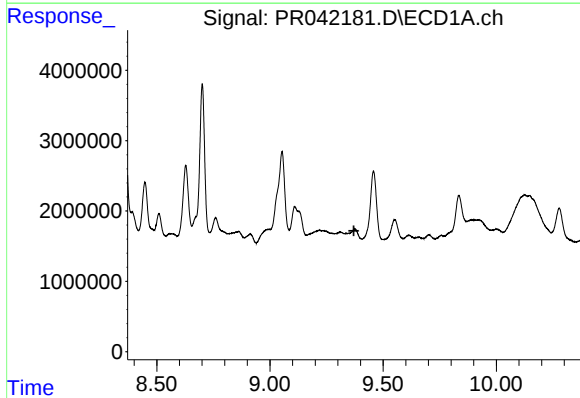
R.T.: 9.109 min
Delta R.T.: -0.018 min
Response: 12256421
Conc: 24.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



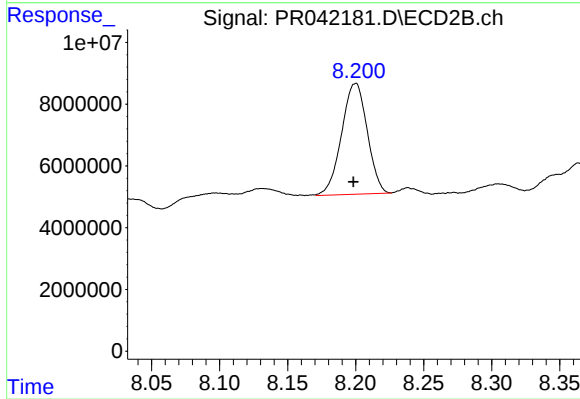
#42 AR-1268-2

R.T.: 7.983 min
Delta R.T.: 0.000 min
Response: 86202109
Conc: 43.32 ng/ml



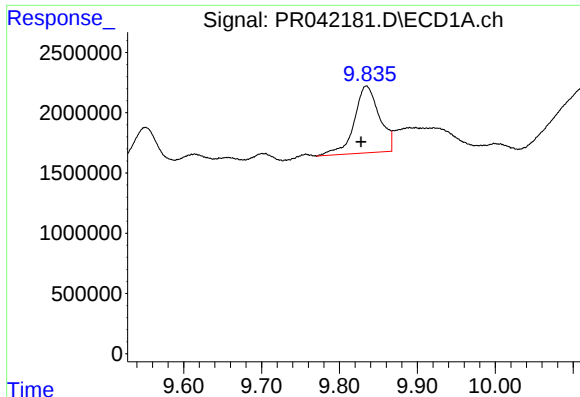
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.371 min
Response: 0
Conc: N.D.



#43 AR-1268-3

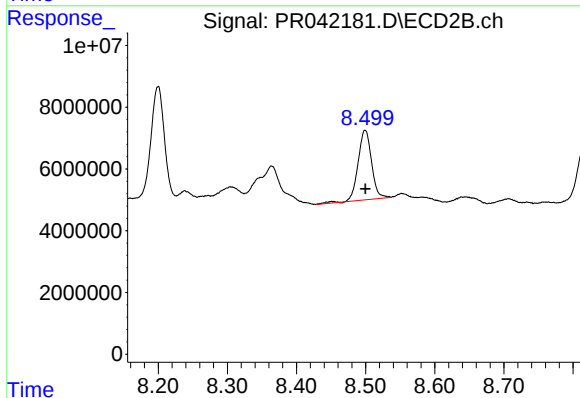
R.T.: 8.200 min
Delta R.T.: 0.002 min
Response: 47150018
Conc: 28.13 ng/ml



#44 AR-1268-4

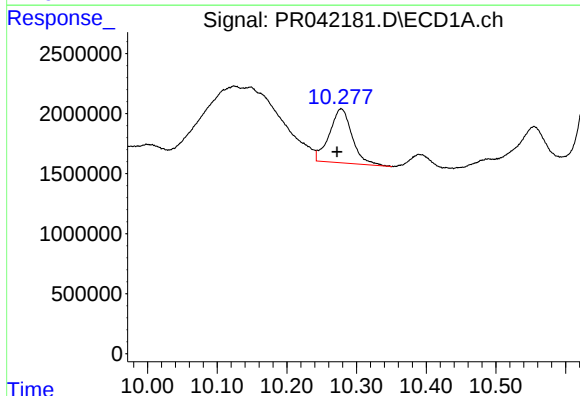
R.T.: 9.835 min
Delta R.T.: 0.007 min
Response: 12470881
Conc: 71.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



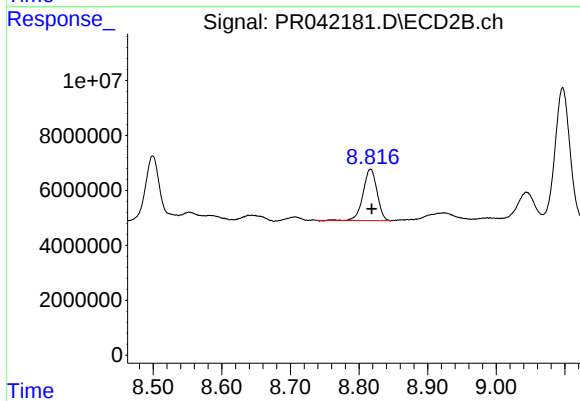
#44 AR-1268-4

R.T.: 8.499 min
Delta R.T.: 0.000 min
Response: 30721939
Conc: 47.60 ng/ml



#45 AR-1268-5

R.T.: 10.278 min
Delta R.T.: 0.006 min
Response: 10210750
Conc: 7.84 ng/ml



#45 AR-1268-5

R.T.: 8.817 min
Delta R.T.: -0.002 min
Response: 26440739
Conc: 5.76 ng/ml