

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102219\
 Data File : PR042484.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Oct 2019 21:44
 Operator : SM\AJ
 Sample : K5403-09DL 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 BFBB3DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 06:13:12 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...	4.725	3.986	15013998	81893195	3.691	5.356 #
2)	SA Decachlor...	10.644	9.089	36333285	80317065	10.574	8.101
Target Compounds							
3)	L1 AR-1016-1	5.929	5.081	238.3E6	154.6E6	1659.882	284.467 #
4)	L1 AR-1016-2	5.929	5.102	238.3E6	331.3E6	1165.340	458.970 #
5)	L1 AR-1016-3	5.998	5.281	79245939	46940549	651.835	128.729 #
6)	L1 AR-1016-4	6.087	5.319	32721914	499.5E6	321.746	1799.757 #
7)	L1 AR-1016-5	6.382	5.535	113.3E6	225.2E6	1137.410	728.453 #
9)	L2 AR-1221-2	5.022	4.288	34452854	10750238	1187.481	87.473 #
10)	L2 AR-1221-3	5.097	4.364	14030790	18149174	144.212	46.596 #
11)	L3 AR-1232-1	5.097	4.364	14030790	18149174	167.676	53.266 #
12)	L3 AR-1232-2	5.633	5.102	101.0E6	331.3E6	2343.546	972.826 #
13)	L3 AR-1232-3	5.929	5.281	238.3E6	46940549	2650.361	278.723 #
14)	L3 AR-1232-4	6.087	5.361	32721914	709.0E6	735.263	4977.823 #
15)	L3 AR-1232-5	6.175	5.535	204.8E6	225.2E6	6234.695	1671.582 #
16)	L4 AR-1242-1	5.929	5.081	238.3E6	154.6E6	2161.023	364.104 #
17)	L4 AR-1242-2	5.929	5.102	238.3E6	331.3E6	1534.989	582.090 #
18)	L4 AR-1242-3	5.998	5.281	79245939	46940549	844.579	162.645 #
19)	L4 AR-1242-4	6.087	5.361	32721914	709.0E6	421.198	2723.701 #
20)	L4 AR-1242-5	6.827	5.889	169.2E6	464.9E6	1932.527	1752.341
21)	L5 AR-1248-1	5.929	5.081	238.3E6	154.6E6	2863.852	474.428 #
22)	L5 AR-1248-2	6.175	5.319	204.8E6	499.5E6	1784.855	1340.911
23)	L5 AR-1248-3	6.382	5.361	113.3E6	709.0E6	873.480	1894.203 #
24)	L5 AR-1248-4	6.786	5.535	98636272	225.2E6	642.806	565.555
25)	L5 AR-1248-5	6.827	5.931	169.2E6	236.2E6	1168.251	676.210 #
26)	L6 AR-1254-1	6.759	5.889	147.8E6	464.9E6	905.210	877.580
27)	L6 AR-1254-2	6.976	6.038	275.0E6	393.5E6	1108.441	784.808 #
28)	L6 AR-1254-3	7.347	6.443	239.6E6	763.0E6	887.890	808.744
29)	L6 AR-1254-4	7.631	6.670	160.9E6	422.1E6	792.759	637.509
30)	L6 AR-1254-5	8.050	7.088	182.5E6	448.7E6	858.384	522.520 #
31)	L7 AR-1260-1	7.508	6.574	105.3E6	213.5E6	555.857	360.157 #
32)	L7 AR-1260-2	7.763	6.759	126.9E6	346.9E6	537.048	425.534
33)	L7 AR-1260-3	8.124	6.915	34182635	223.9E6	182.086	323.920 #
34)	L7 AR-1260-4	8.357	7.388	94298240	85747425	469.224	147.766 #
35)	L7 AR-1260-5	8.703	7.628	55863106	223.4E6	129.048	137.382
36)	L8 AR-1262-1	8.185	7.088	17804116	448.7E6	189.143	1029.548 #
37)	L8 AR-1262-2	8.703	7.628	55863106	223.4E6	129.511	129.749
38)	L8 AR-1262-3	9.054	7.912	43930737	56405475	157.602	86.416 #
39)	L8 AR-1262-4	9.112	7.976	20640030	112.5E6	100.748	96.264
40)	L8 AR-1262-5	9.835	8.493	9424984	32193947	65.338	60.186
41)	L9 AR-1268-1	9.054	7.912	43930737	56405475	79.984	25.725 #
42)	L9 AR-1268-2	9.112	7.976	20640030	112.5E6	41.515	56.533 #
43)	L9 AR-1268-3	9.377	8.191	4729556	22420066	11.595	13.378

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 Acq On : 22 Oct 2019 21:44
 Operator : SM\AJ
 Sample : K5403-09DL 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

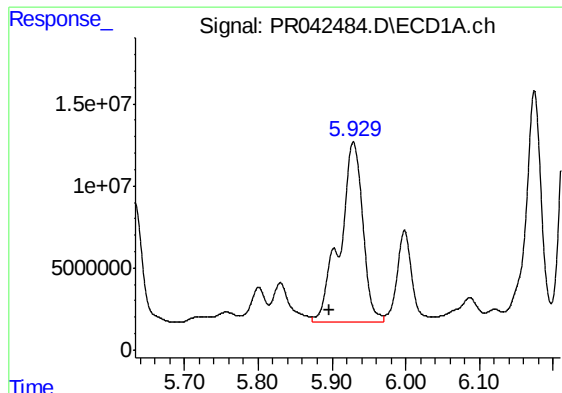
Instrument :
 ECD_R
 ClientSampleId :
 BFBB3DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 06:13:12 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
44) L9	AR-1268-4	9.835	8.493	9424984	32193947	53.720	49.886
45) L9	AR-1268-5	10.282	8.810	22723293	29089580	17.438	6.339 #

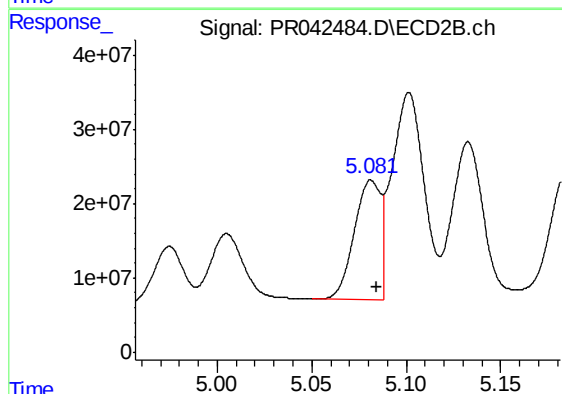
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

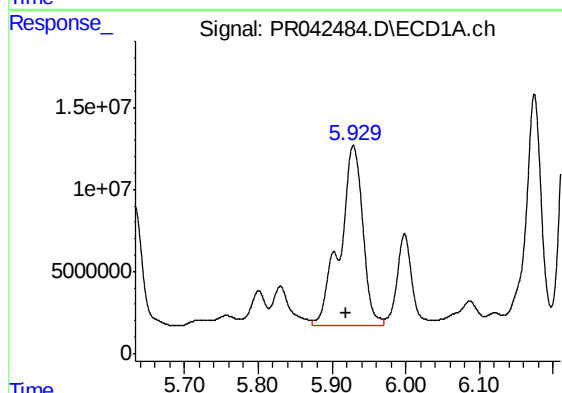
R.T.: 5.929 min
Delta R.T.: 0.032 min
Response: 238307952
Conc: 1659.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFBB3DL



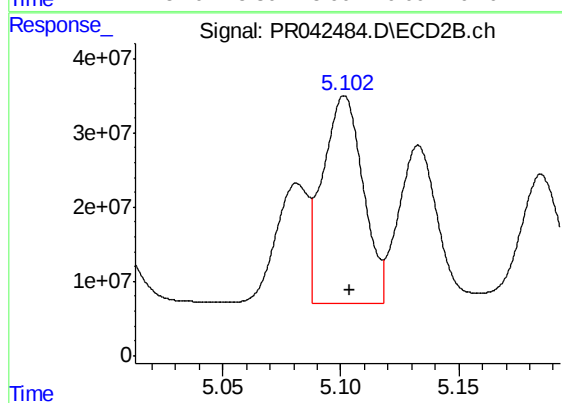
#3 AR-1016-1

R.T.: 5.081 min
Delta R.T.: -0.003 min
Response: 154634918
Conc: 284.47 ng/ml



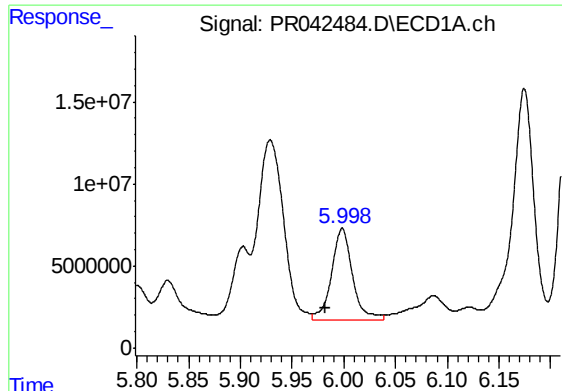
#4 AR-1016-2

R.T.: 5.929 min
Delta R.T.: 0.010 min
Response: 238307952
Conc: 1165.34 ng/ml



#4 AR-1016-2

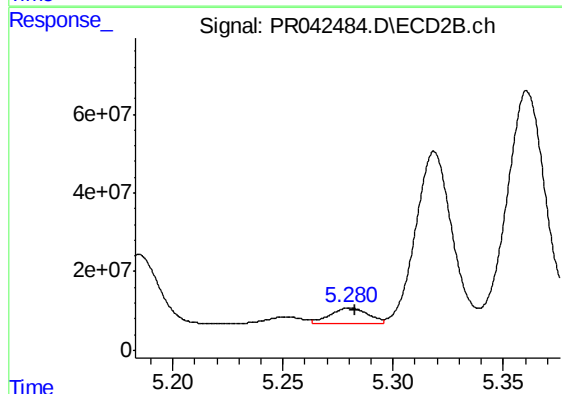
R.T.: 5.102 min
Delta R.T.: -0.002 min
Response: 331272566
Conc: 458.97 ng/ml



#5 AR-1016-3

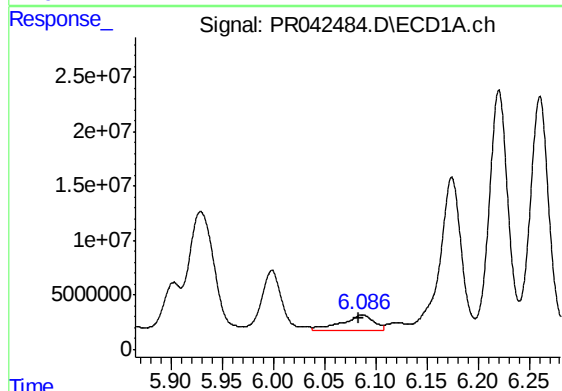
R.T.: 5.998 min
Delta R.T.: 0.016 min
Response: 79245939
Conc: 651.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFBB3DL



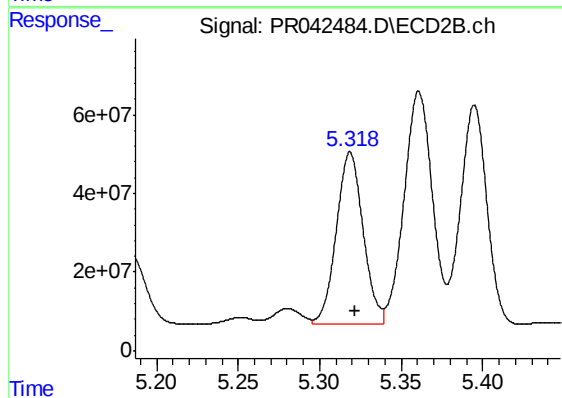
#5 AR-1016-3

R.T.: 5.281 min
Delta R.T.: -0.002 min
Response: 46940549
Conc: 128.73 ng/ml



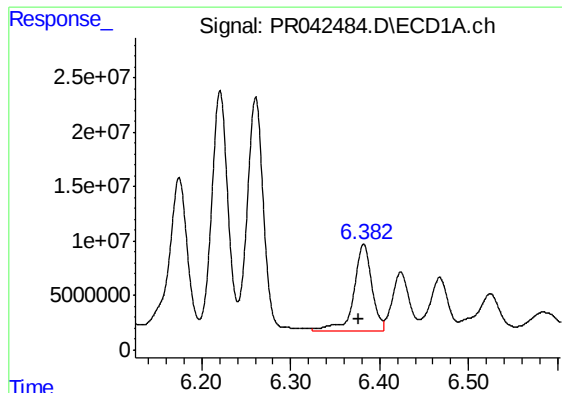
#6 AR-1016-4

R.T.: 6.087 min
Delta R.T.: 0.004 min
Response: 32721914
Conc: 321.75 ng/ml



#6 AR-1016-4

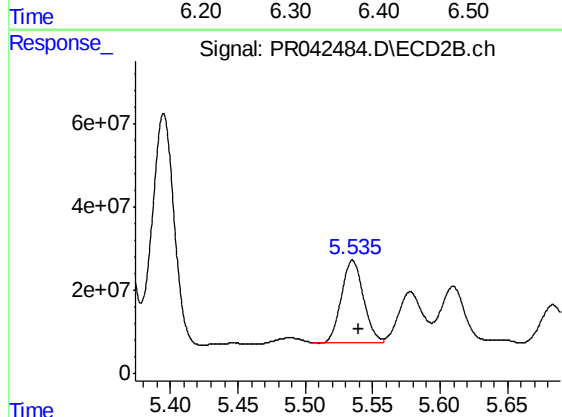
R.T.: 5.319 min
Delta R.T.: -0.003 min
Response: 499450705
Conc: 1799.76 ng/ml



#7 AR-1016-5

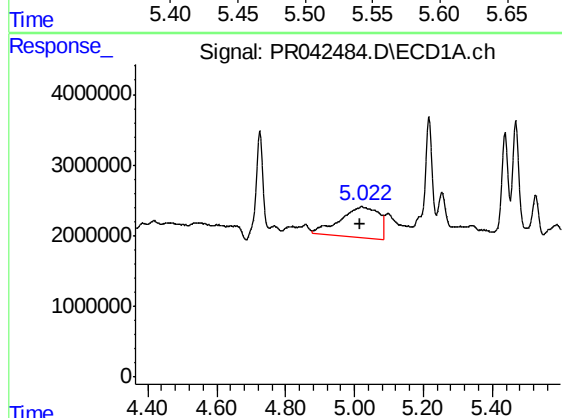
R.T.: 6.382 min
Delta R.T.: 0.006 min
Response: 113252853
Conc: 1137.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFBB3DL



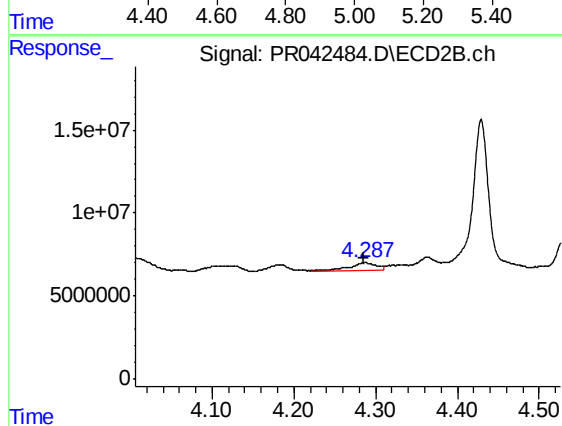
#7 AR-1016-5

R.T.: 5.535 min
Delta R.T.: -0.004 min
Response: 225247238
Conc: 728.45 ng/ml



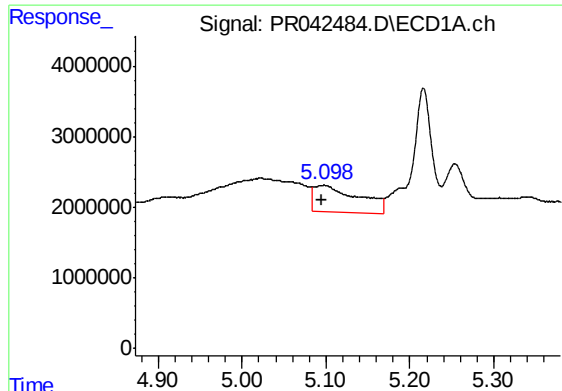
#9 AR-1221-2

R.T.: 5.022 min
Delta R.T.: 0.006 min
Response: 34452854
Conc: 1187.48 ng/ml



#9 AR-1221-2

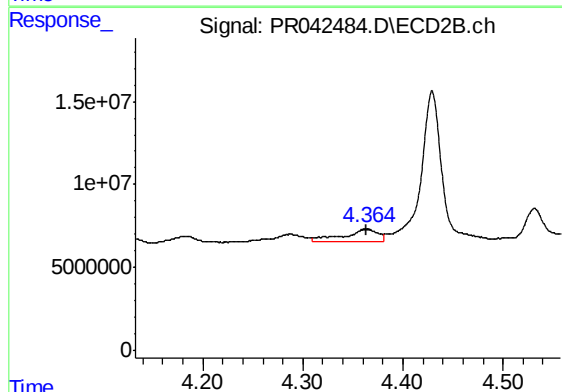
R.T.: 4.288 min
Delta R.T.: 0.002 min
Response: 10750238
Conc: 87.47 ng/ml



#10 AR-1221-3

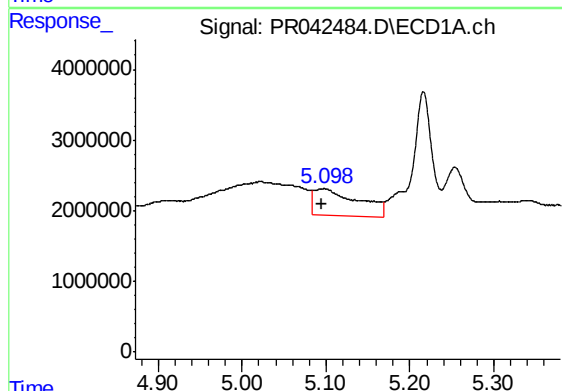
R.T.: 5.097 min
Delta R.T.: 0.003 min
Response: 14030790
Conc: 144.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFBB3DL



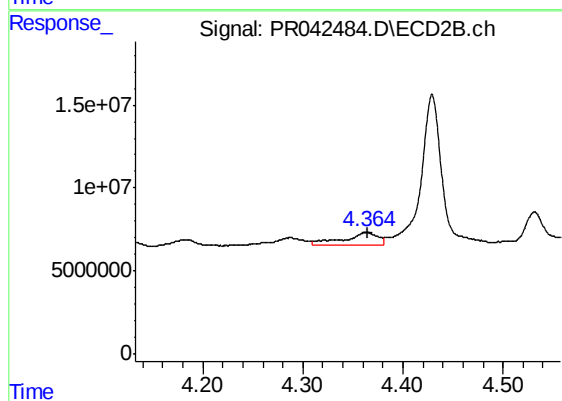
#10 AR-1221-3

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 18149174
Conc: 46.60 ng/ml



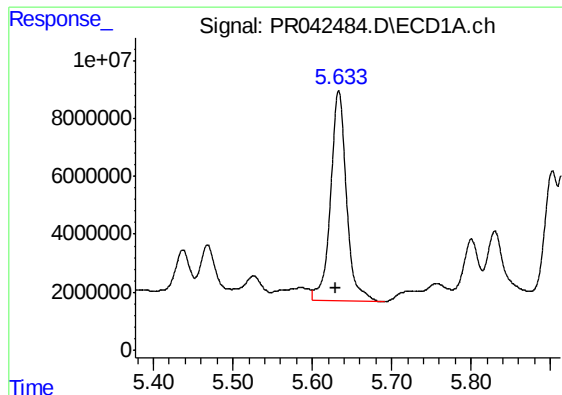
#11 AR-1232-1

R.T.: 5.097 min
Delta R.T.: 0.002 min
Response: 14030790
Conc: 167.68 ng/ml



#11 AR-1232-1

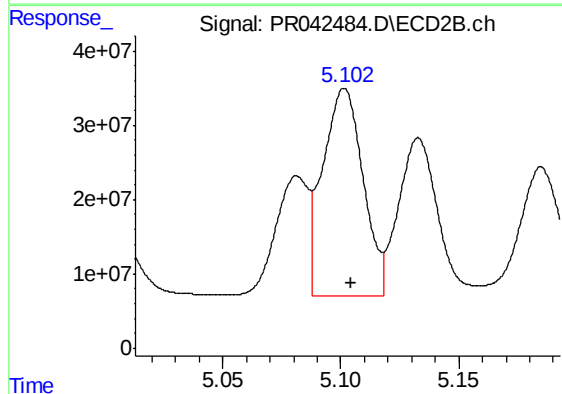
R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 18149174
Conc: 53.27 ng/ml



#12 AR-1232-2

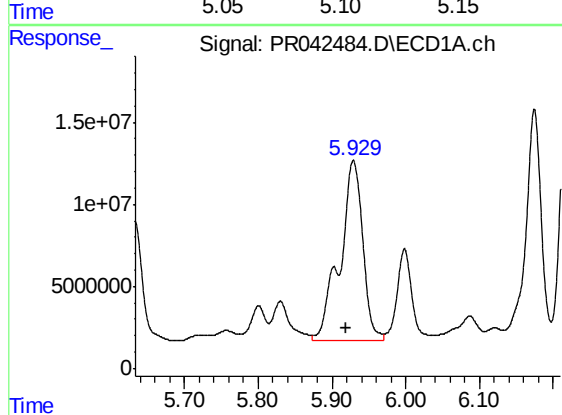
R.T.: 5.633 min
Delta R.T.: 0.004 min
Response: 100957092
Conc: 2343.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFBB3DL



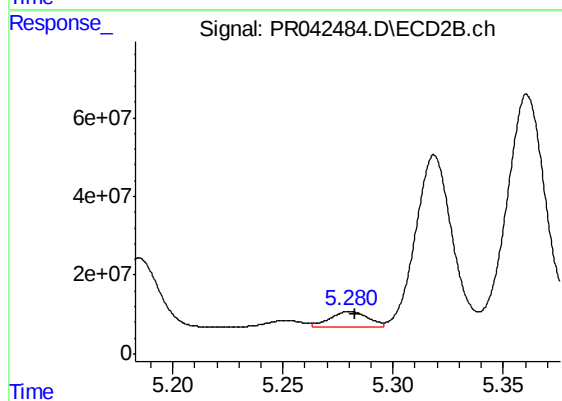
#12 AR-1232-2

R.T.: 5.102 min
Delta R.T.: -0.003 min
Response: 331272566
Conc: 972.83 ng/ml



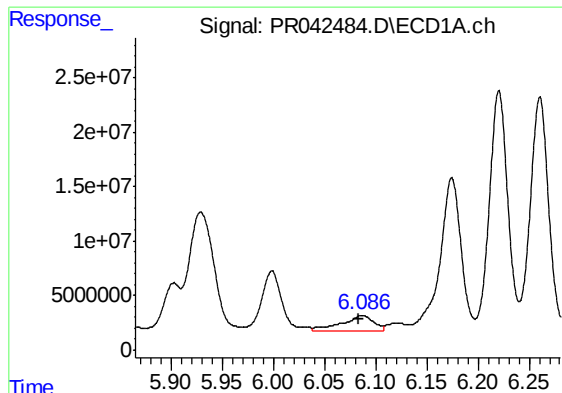
#13 AR-1232-3

R.T.: 5.929 min
Delta R.T.: 0.009 min
Response: 238307952
Conc: 2650.36 ng/ml



#13 AR-1232-3

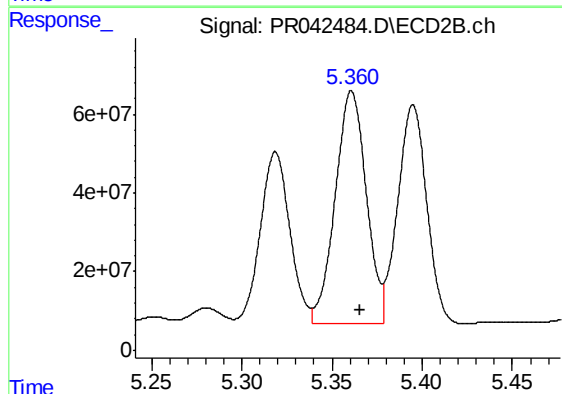
R.T.: 5.281 min
Delta R.T.: -0.002 min
Response: 46940549
Conc: 278.72 ng/ml



#14 AR-1232-4

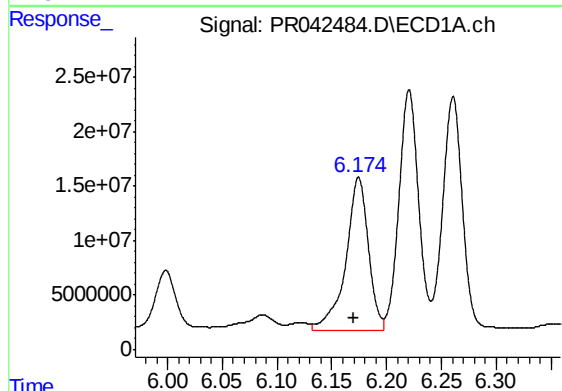
R.T.: 6.087 min
Delta R.T.: 0.004 min
Response: 32721914
Conc: 735.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFBB3DL



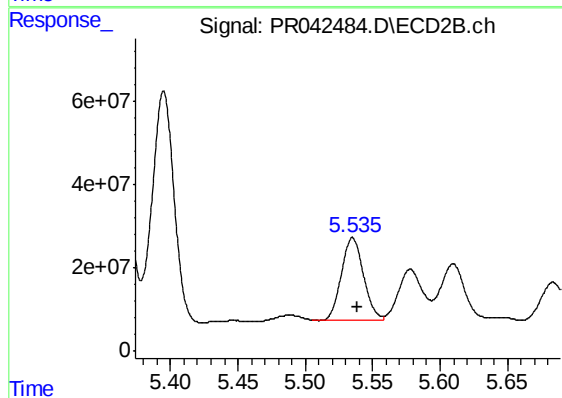
#14 AR-1232-4

R.T.: 5.361 min
Delta R.T.: -0.005 min
Response: 709035889
Conc: 4977.82 ng/ml



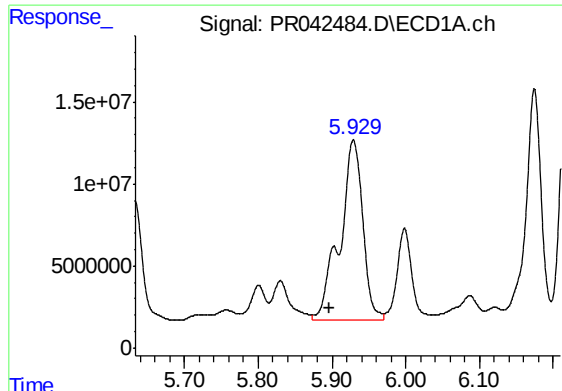
#15 AR-1232-5

R.T.: 6.175 min
Delta R.T.: 0.005 min
Response: 204819935
Conc: 6234.70 ng/ml



#15 AR-1232-5

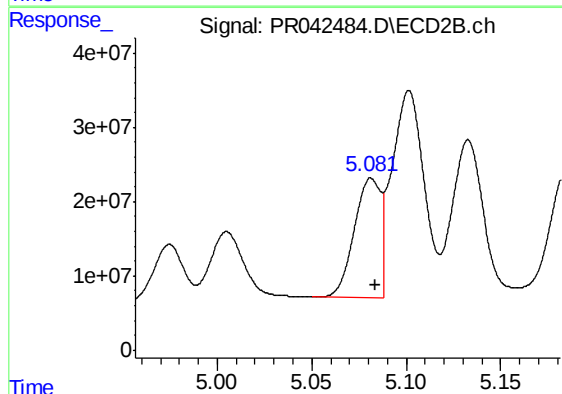
R.T.: 5.535 min
Delta R.T.: -0.004 min
Response: 225247238
Conc: 1671.58 ng/ml



#16 AR-1242-1

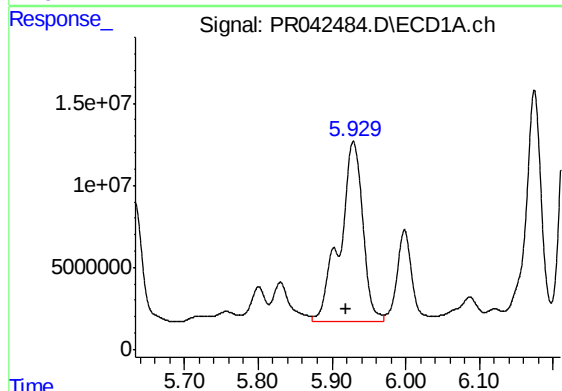
R.T.: 5.929 min
Delta R.T.: 0.033 min
Response: 238307952
Conc: 2161.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFBB3DL



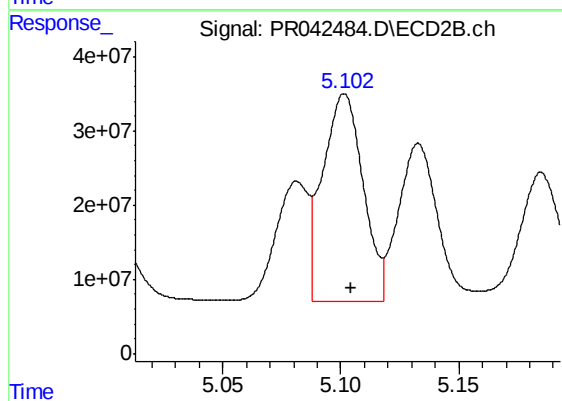
#16 AR-1242-1

R.T.: 5.081 min
Delta R.T.: -0.003 min
Response: 154634918
Conc: 364.10 ng/ml



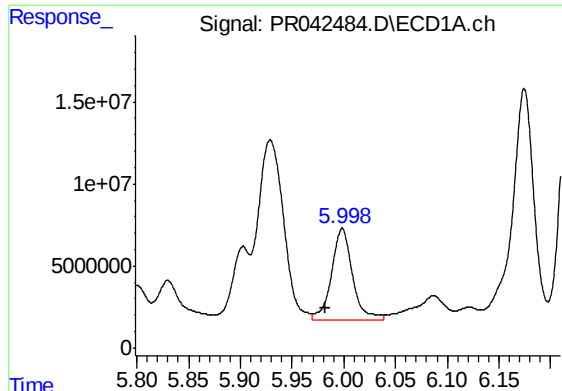
#17 AR-1242-2

R.T.: 5.929 min
Delta R.T.: 0.009 min
Response: 238307952
Conc: 1534.99 ng/ml



#17 AR-1242-2

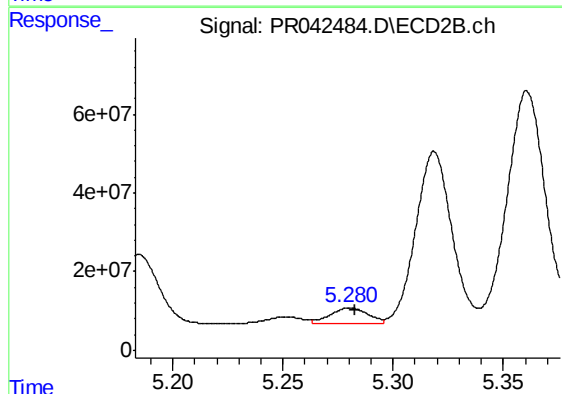
R.T.: 5.102 min
Delta R.T.: -0.002 min
Response: 331272566
Conc: 582.09 ng/ml



#18 AR-1242-3

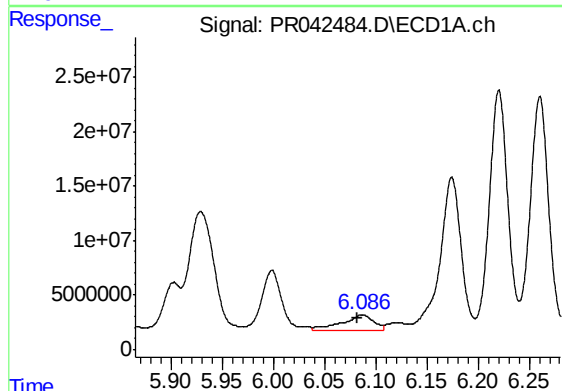
R.T.: 5.998 min
Delta R.T.: 0.016 min
Response: 79245939
Conc: 844.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFBB3DL



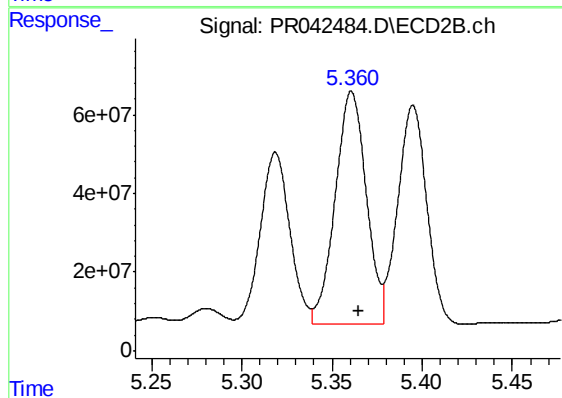
#18 AR-1242-3

R.T.: 5.281 min
Delta R.T.: -0.002 min
Response: 46940549
Conc: 162.65 ng/ml



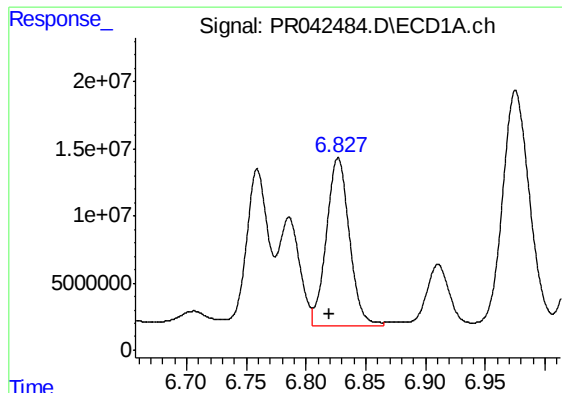
#19 AR-1242-4

R.T.: 6.087 min
Delta R.T.: 0.004 min
Response: 32721914
Conc: 421.20 ng/ml



#19 AR-1242-4

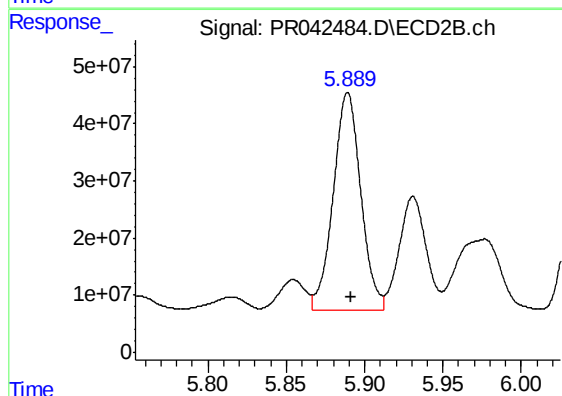
R.T.: 5.361 min
Delta R.T.: -0.004 min
Response: 709035889
Conc: 2723.70 ng/ml



#20 AR-1242-5

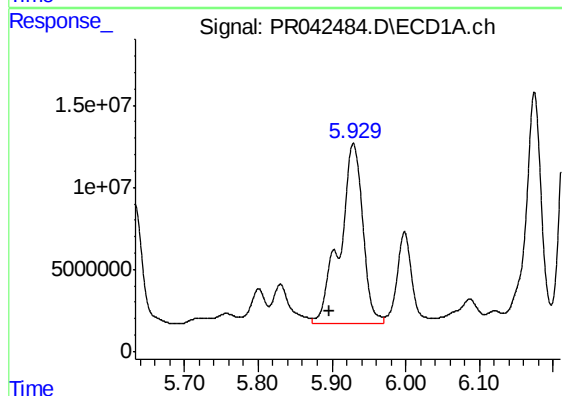
R.T.: 6.827 min
Delta R.T.: 0.008 min
Response: 169150435
Conc: 1932.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFBB3DL



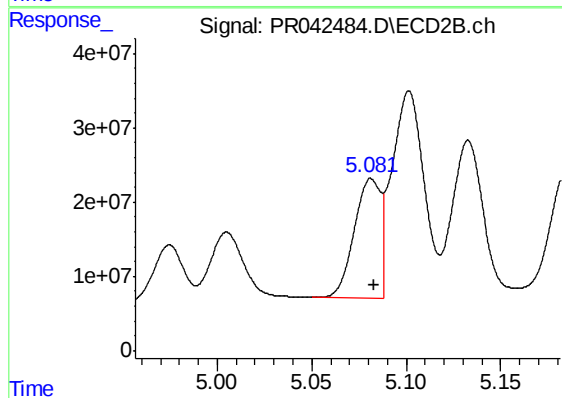
#20 AR-1242-5

R.T.: 5.889 min
Delta R.T.: -0.002 min
Response: 464884984
Conc: 1752.34 ng/ml



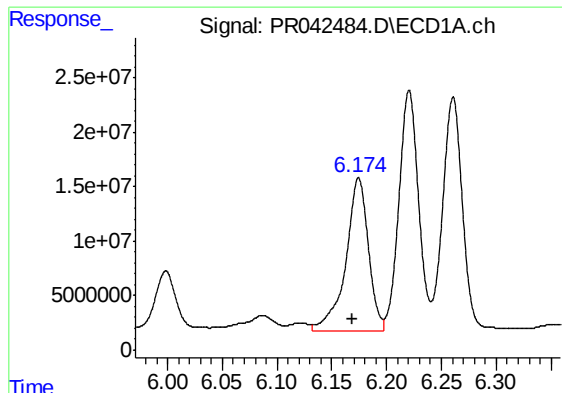
#21 AR-1248-1

R.T.: 5.929 min
Delta R.T.: 0.033 min
Response: 238307952
Conc: 2863.85 ng/ml



#21 AR-1248-1

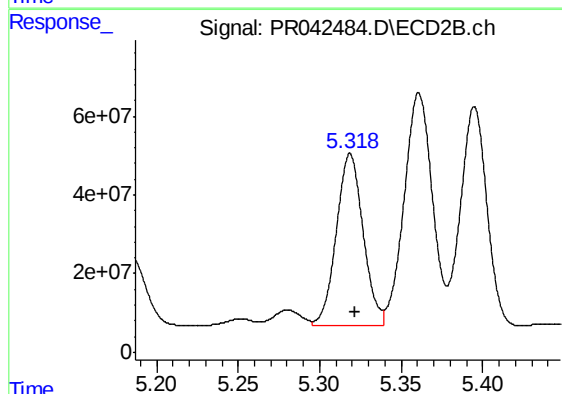
R.T.: 5.081 min
Delta R.T.: -0.002 min
Response: 154634918
Conc: 474.43 ng/ml



#22 AR-1248-2

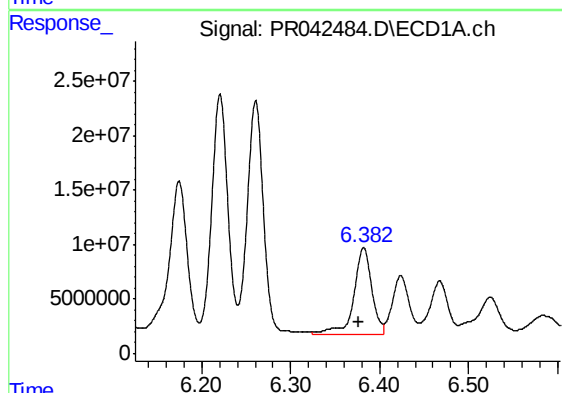
R.T.: 6.175 min
Delta R.T.: 0.006 min
Response: 204819935
Conc: 1784.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFBB3DL



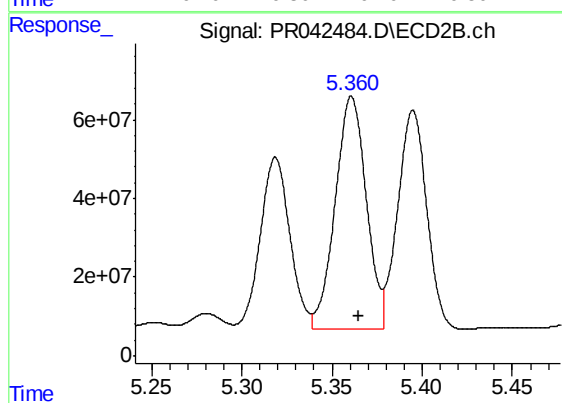
#22 AR-1248-2

R.T.: 5.319 min
Delta R.T.: -0.003 min
Response: 499450705
Conc: 1340.91 ng/ml



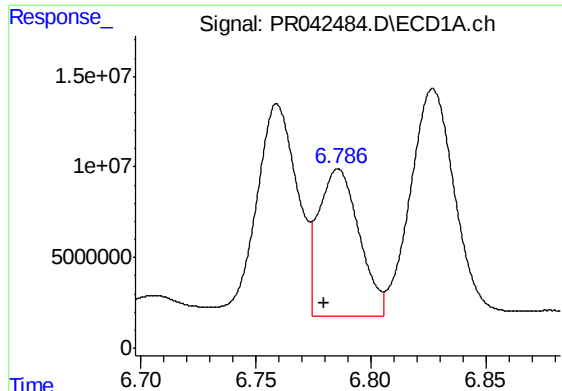
#23 AR-1248-3

R.T.: 6.382 min
Delta R.T.: 0.006 min
Response: 113252853
Conc: 873.48 ng/ml



#23 AR-1248-3

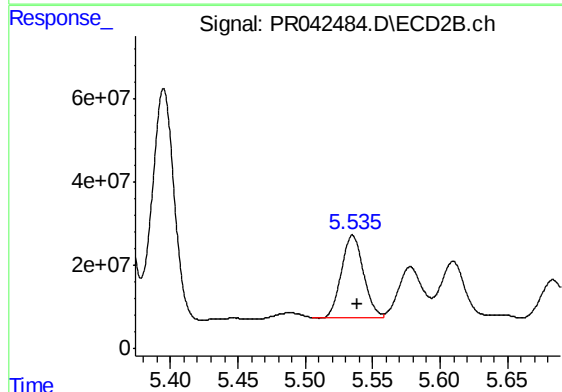
R.T.: 5.361 min
Delta R.T.: -0.004 min
Response: 709035889
Conc: 1894.20 ng/ml



#24 AR-1248-4

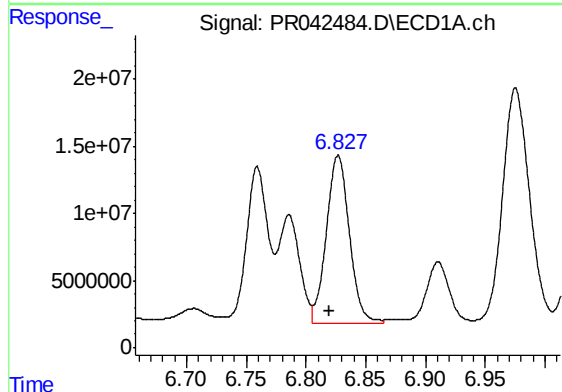
R.T.: 6.786 min
Delta R.T.: 0.006 min
Response: 98636272
Conc: 642.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFBB3DL



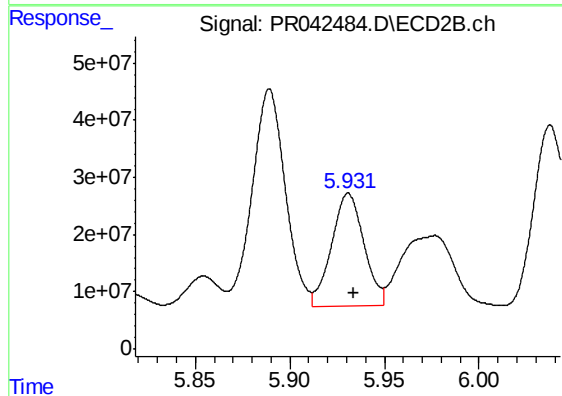
#24 AR-1248-4

R.T.: 5.535 min
Delta R.T.: -0.003 min
Response: 225247238
Conc: 565.56 ng/ml



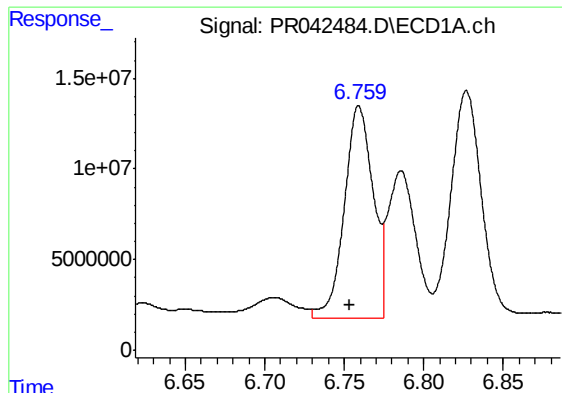
#25 AR-1248-5

R.T.: 6.827 min
Delta R.T.: 0.008 min
Response: 169150435
Conc: 1168.25 ng/ml



#25 AR-1248-5

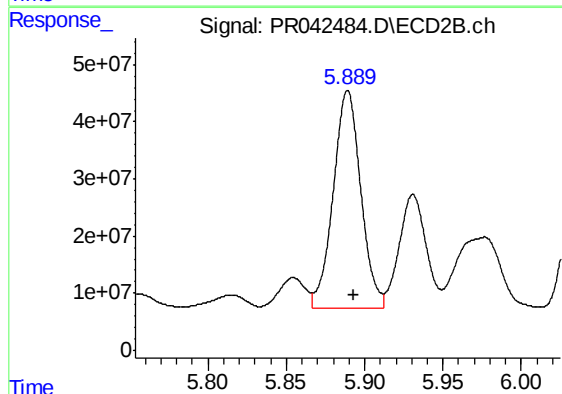
R.T.: 5.931 min
Delta R.T.: -0.003 min
Response: 236175002
Conc: 676.21 ng/ml



#26 AR-1254-1

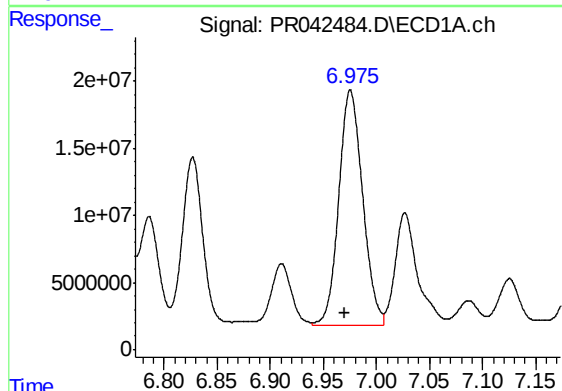
R.T.: 6.759 min
Delta R.T.: 0.006 min
Response: 147831590
Conc: 905.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFBB3DL



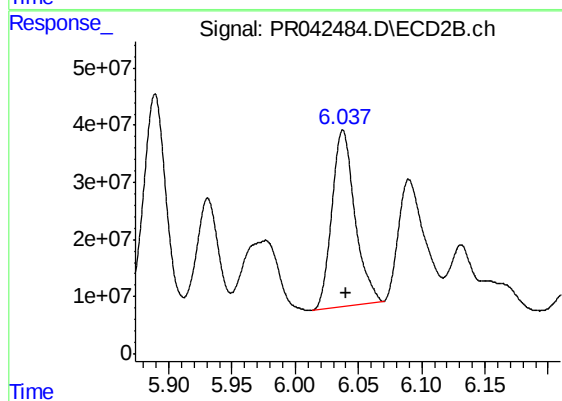
#26 AR-1254-1

R.T.: 5.889 min
Delta R.T.: -0.004 min
Response: 464884984
Conc: 877.58 ng/ml



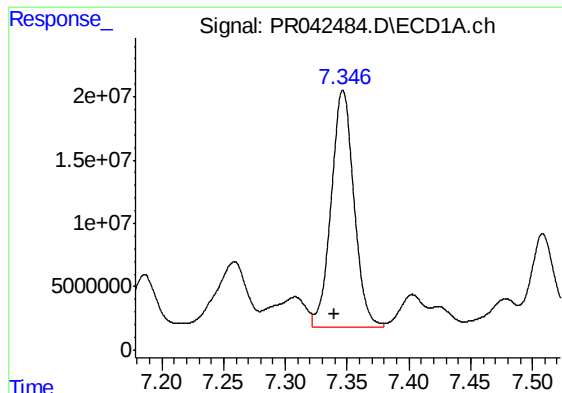
#27 AR-1254-2

R.T.: 6.976 min
Delta R.T.: 0.005 min
Response: 275004107
Conc: 1108.44 ng/ml



#27 AR-1254-2

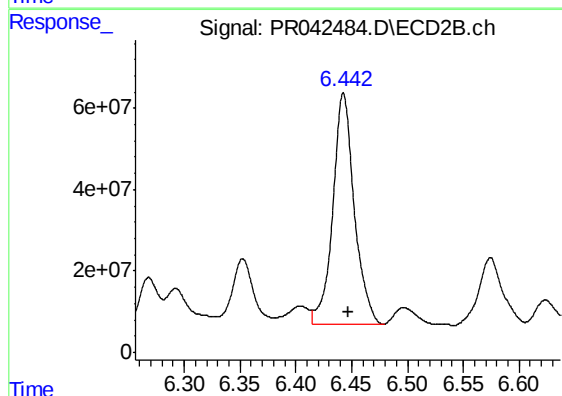
R.T.: 6.038 min
Delta R.T.: -0.003 min
Response: 393467219
Conc: 784.81 ng/ml



#28 AR-1254-3

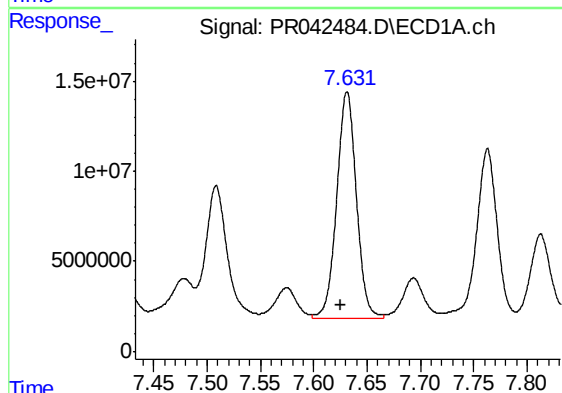
R.T.: 7.347 min
Delta R.T.: 0.007 min
Response: 239607331
Conc: 887.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFBB3DL



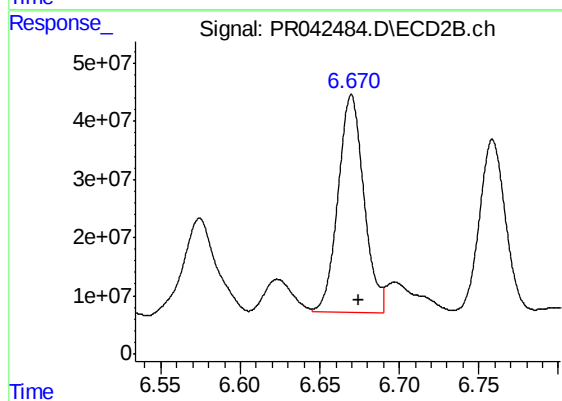
#28 AR-1254-3

R.T.: 6.443 min
Delta R.T.: -0.004 min
Response: 763006877
Conc: 808.74 ng/ml



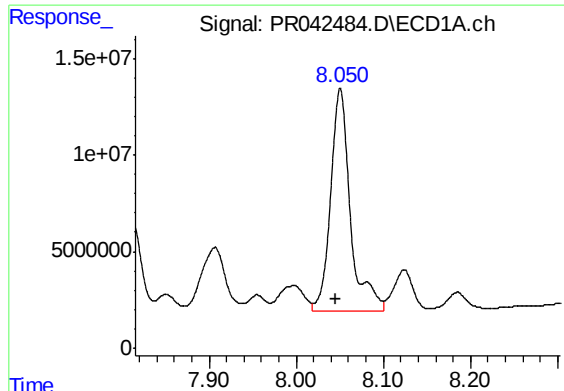
#29 AR-1254-4

R.T.: 7.631 min
Delta R.T.: 0.005 min
Response: 160895724
Conc: 792.76 ng/ml



#29 AR-1254-4

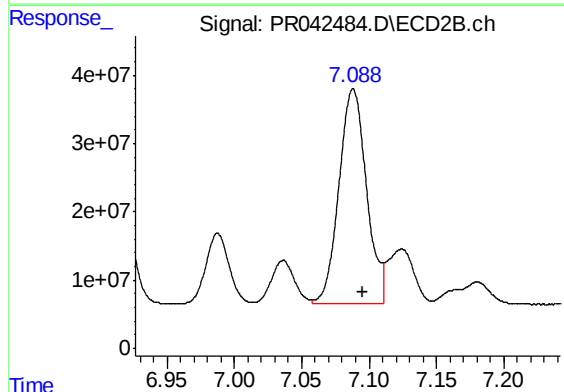
R.T.: 6.670 min
Delta R.T.: -0.005 min
Response: 422081307
Conc: 637.51 ng/ml



#30 AR-1254-5

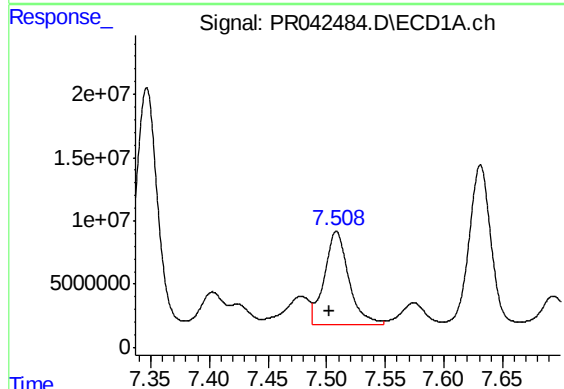
R.T.: 8.050 min
Delta R.T.: 0.006 min
Response: 182538324
Conc: 858.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFBB3DL



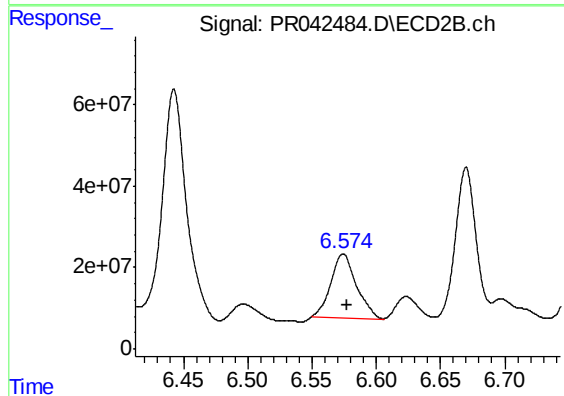
#30 AR-1254-5

R.T.: 7.088 min
Delta R.T.: -0.007 min
Response: 448658523
Conc: 522.52 ng/ml



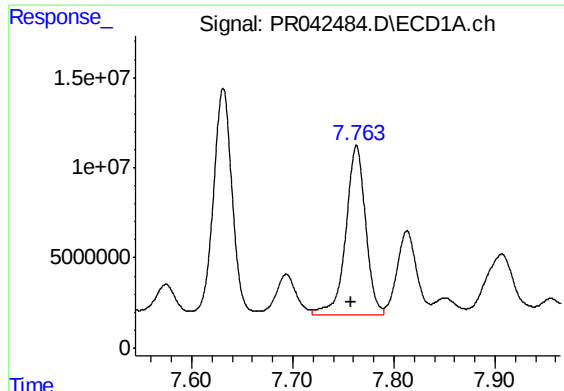
#31 AR-1260-1

R.T.: 7.508 min
Delta R.T.: 0.007 min
Response: 105315836
Conc: 555.86 ng/ml



#31 AR-1260-1

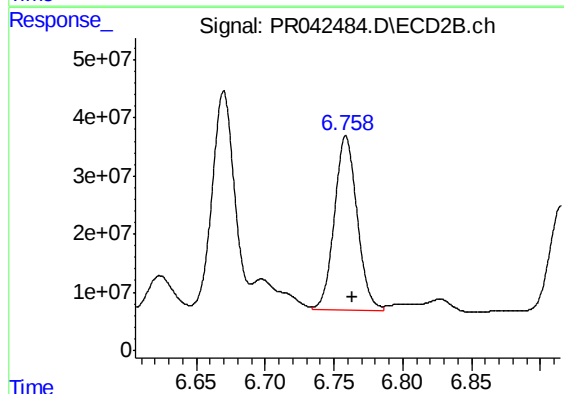
R.T.: 6.574 min
Delta R.T.: -0.003 min
Response: 213489615
Conc: 360.16 ng/ml



#32 AR-1260-2

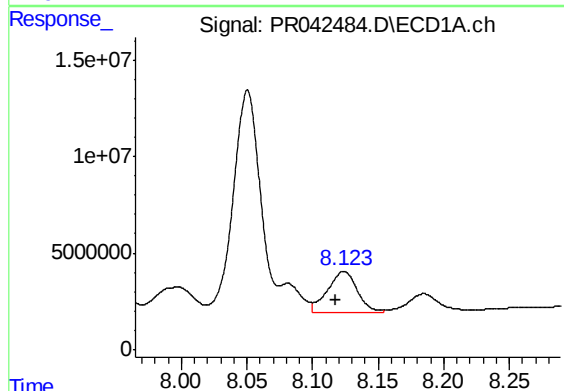
R.T.: 7.763 min
Delta R.T.: 0.006 min
Response: 126937400
Conc: 537.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFBB3DL



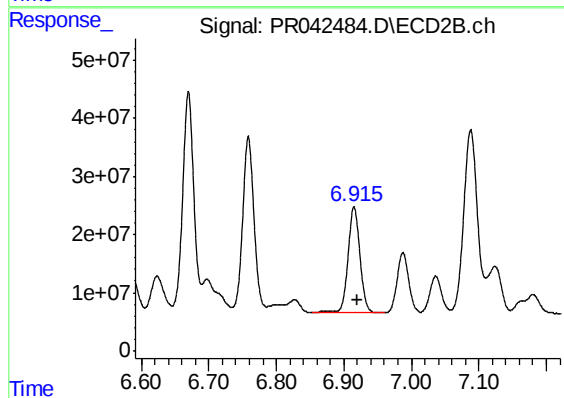
#32 AR-1260-2

R.T.: 6.759 min
Delta R.T.: -0.005 min
Response: 346928018
Conc: 425.53 ng/ml



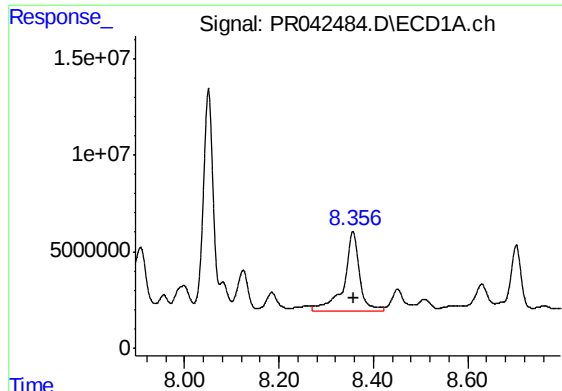
#33 AR-1260-3

R.T.: 8.124 min
Delta R.T.: 0.006 min
Response: 34182635
Conc: 182.09 ng/ml



#33 AR-1260-3

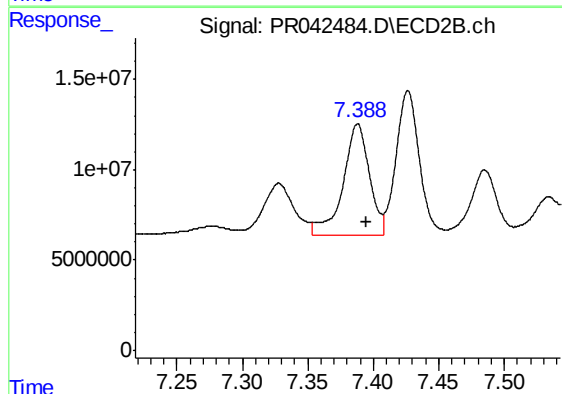
R.T.: 6.915 min
Delta R.T.: -0.005 min
Response: 223928586
Conc: 323.92 ng/ml



#34 AR-1260-4

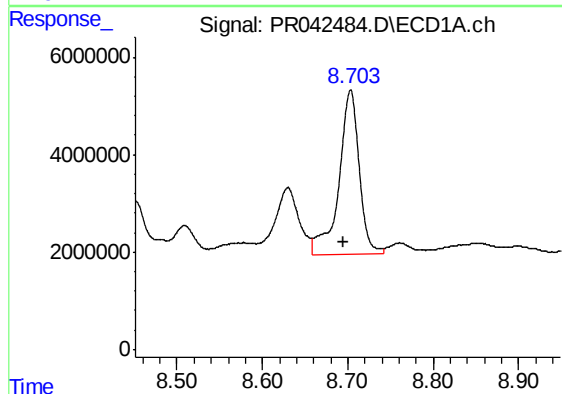
R.T.: 8.357 min
Delta R.T.: 0.000 min
Response: 94298240
Conc: 469.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFBB3DL



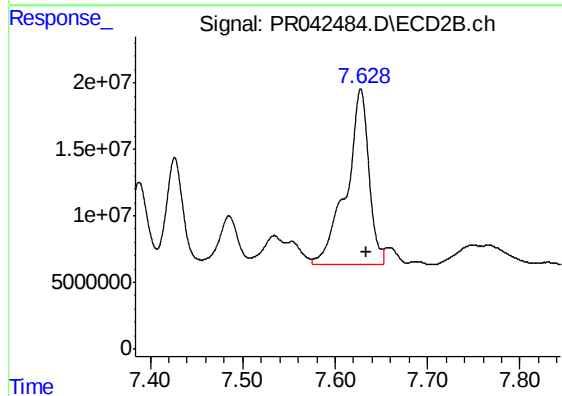
#34 AR-1260-4

R.T.: 7.388 min
Delta R.T.: -0.006 min
Response: 85747425
Conc: 147.77 ng/ml



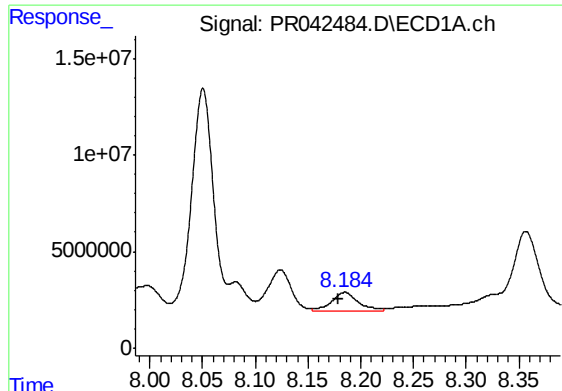
#35 AR-1260-5

R.T.: 8.703 min
Delta R.T.: 0.008 min
Response: 55863106
Conc: 129.05 ng/ml



#35 AR-1260-5

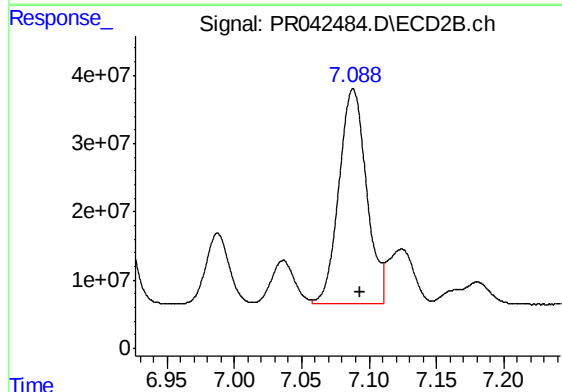
R.T.: 7.628 min
Delta R.T.: -0.006 min
Response: 223364293
Conc: 137.38 ng/ml



#36 AR-1262-1

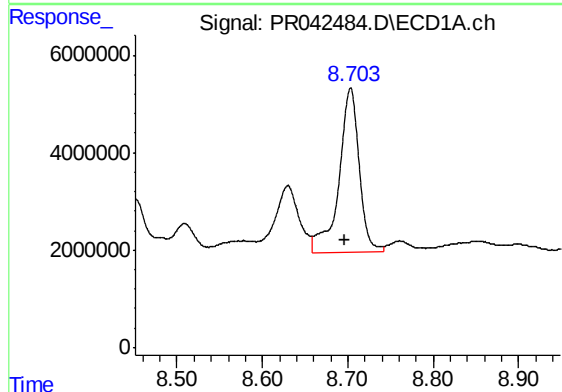
R.T.: 8.185 min
Delta R.T.: 0.006 min
Response: 17804116
Conc: 189.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFBB3DL



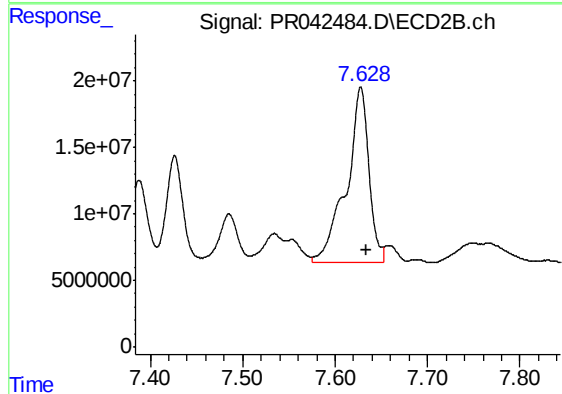
#36 AR-1262-1

R.T.: 7.088 min
Delta R.T.: -0.005 min
Response: 448658523
Conc: 1029.55 ng/ml



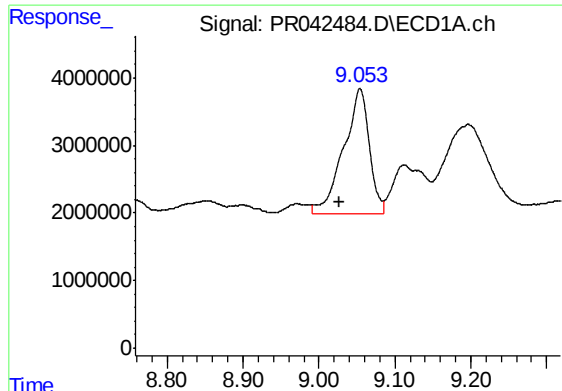
#37 AR-1262-2

R.T.: 8.703 min
Delta R.T.: 0.007 min
Response: 55863106
Conc: 129.51 ng/ml



#37 AR-1262-2

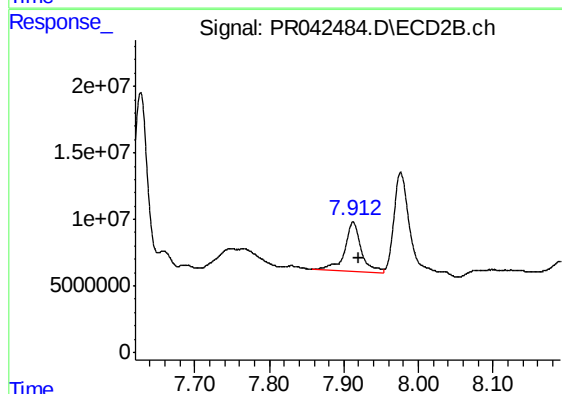
R.T.: 7.628 min
Delta R.T.: -0.006 min
Response: 223364293
Conc: 129.75 ng/ml



#38 AR-1262-3

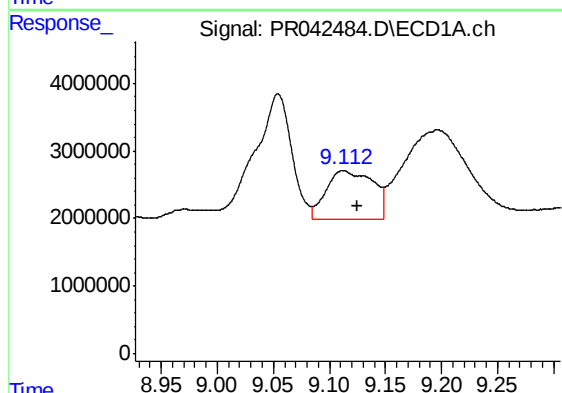
R.T.: 9.054 min
Delta R.T.: 0.026 min
Response: 43930737
Conc: 157.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFBB3DL



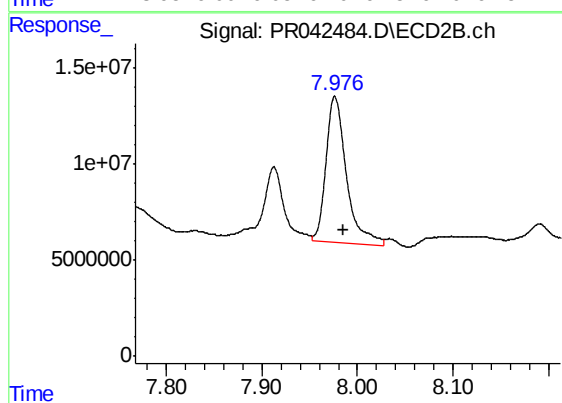
#38 AR-1262-3

R.T.: 7.912 min
Delta R.T.: -0.007 min
Response: 56405475
Conc: 86.42 ng/ml



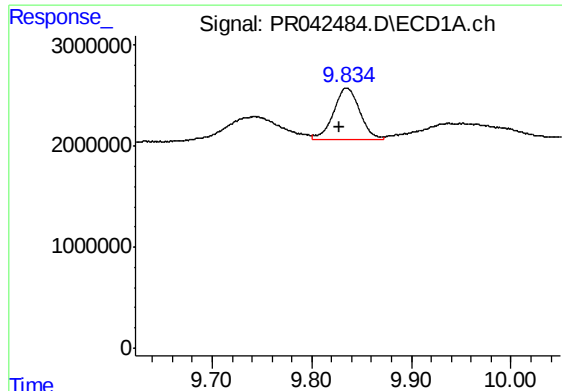
#39 AR-1262-4

R.T.: 9.112 min
Delta R.T.: -0.012 min
Response: 20640030
Conc: 100.75 ng/ml



#39 AR-1262-4

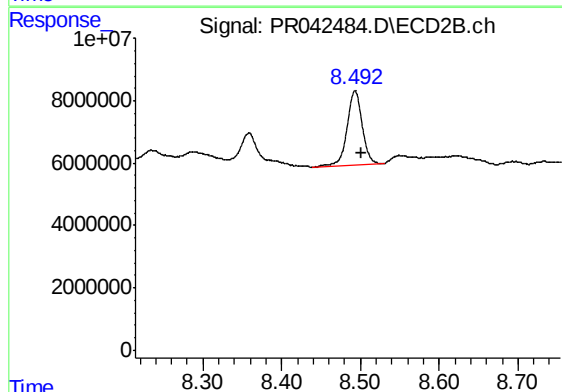
R.T.: 7.976 min
Delta R.T.: -0.009 min
Response: 112491349
Conc: 96.26 ng/ml



#40 AR-1262-5

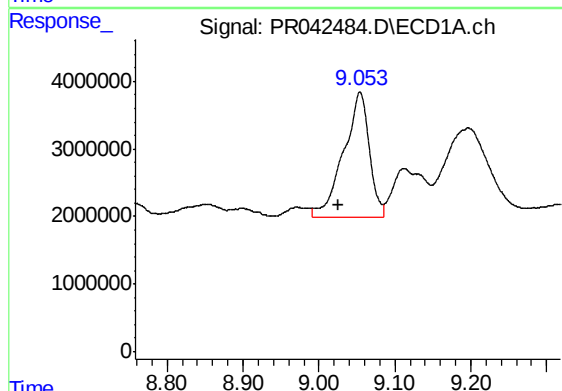
R.T.: 9.835 min
Delta R.T.: 0.007 min
Response: 9424984
Conc: 65.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFBB3DL



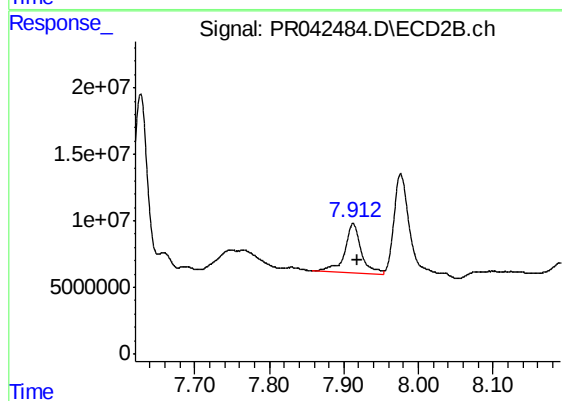
#40 AR-1262-5

R.T.: 8.493 min
Delta R.T.: -0.008 min
Response: 32193947
Conc: 60.19 ng/ml



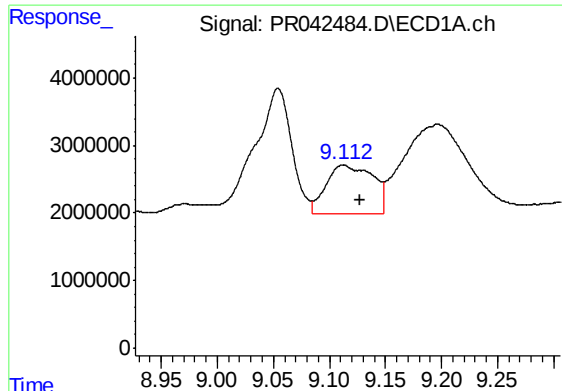
#41 AR-1268-1

R.T.: 9.054 min
Delta R.T.: 0.029 min
Response: 43930737
Conc: 79.98 ng/ml



#41 AR-1268-1

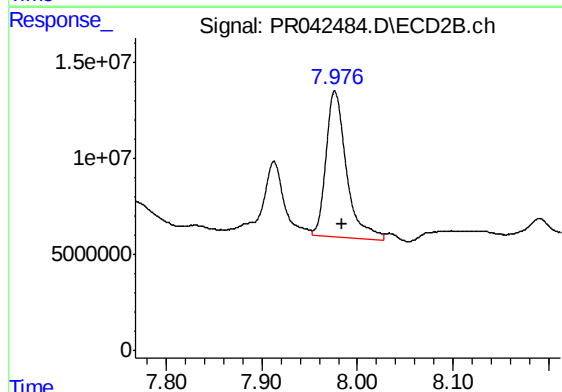
R.T.: 7.912 min
Delta R.T.: -0.006 min
Response: 56405475
Conc: 25.73 ng/ml



#42 AR-1268-2

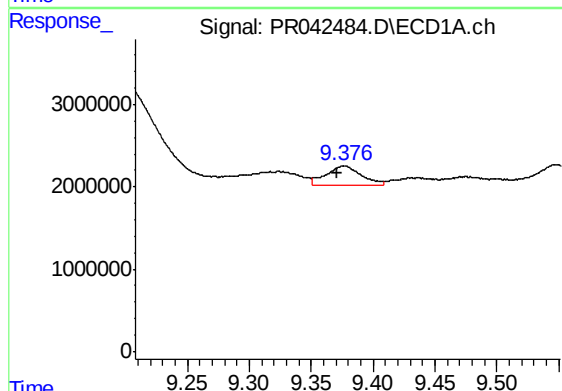
R.T.: 9.112 min
Delta R.T.: -0.015 min
Response: 20640030
Conc: 41.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFBB3DL



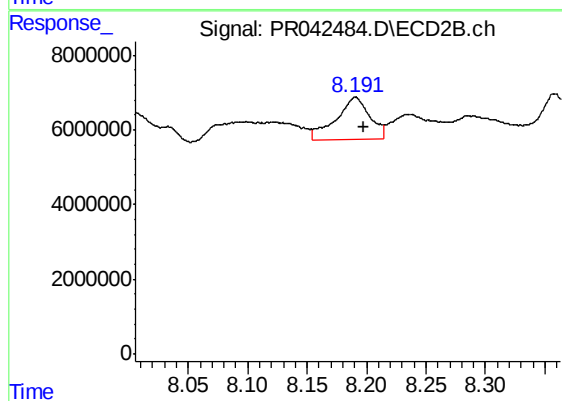
#42 AR-1268-2

R.T.: 7.976 min
Delta R.T.: -0.007 min
Response: 112491349
Conc: 56.53 ng/ml



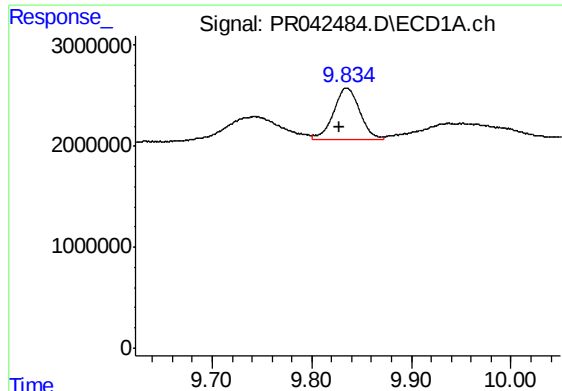
#43 AR-1268-3

R.T.: 9.377 min
Delta R.T.: 0.006 min
Response: 4729556
Conc: 11.60 ng/ml



#43 AR-1268-3

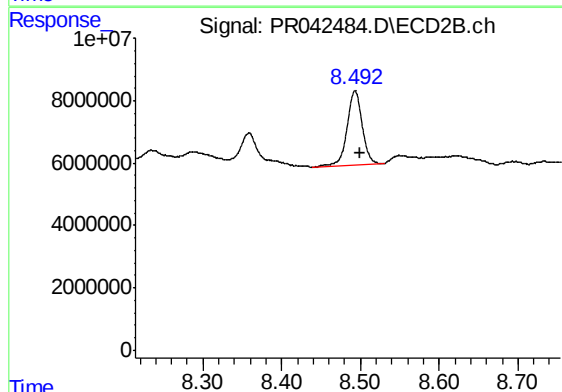
R.T.: 8.191 min
Delta R.T.: -0.008 min
Response: 22420066
Conc: 13.38 ng/ml



#44 AR-1268-4

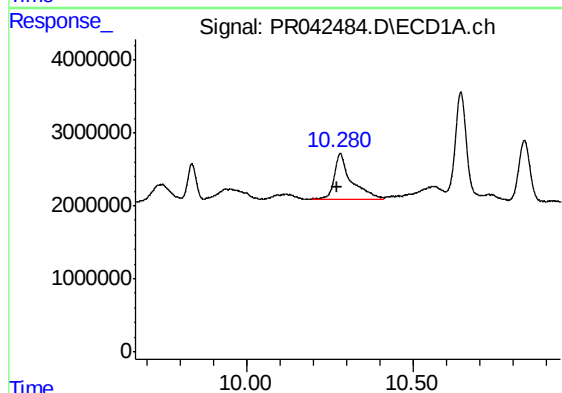
R.T.: 9.835 min
Delta R.T.: 0.007 min
Response: 9424984
Conc: 53.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFBB3DL



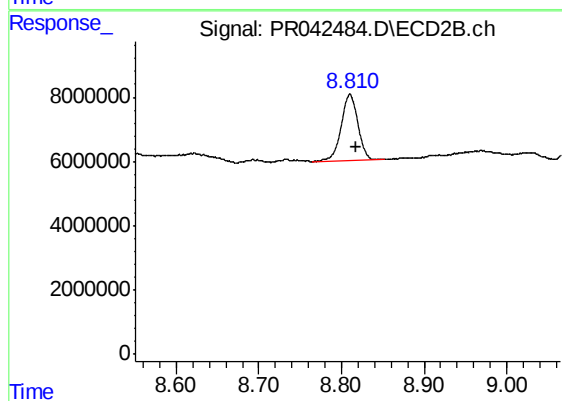
#44 AR-1268-4

R.T.: 8.493 min
Delta R.T.: -0.006 min
Response: 32193947
Conc: 49.89 ng/ml



#45 AR-1268-5

R.T.: 10.282 min
Delta R.T.: 0.010 min
Response: 22723293
Conc: 17.44 ng/ml



#45 AR-1268-5

R.T.: 8.810 min
Delta R.T.: -0.008 min
Response: 29089580
Conc: 6.34 ng/ml