

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR100819\
 Data File : PR042129.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2019 03:22
 Operator : SM\AJ
 Sample : K5202-03MSD
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 06:02:53 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...	4.719	3.984	70400438	259.1E6	17.306	16.945
2)	SA Decachlor...	10.631	9.089	73175828	221.8E6	21.296	22.374
Target Compounds							
3)	L1 AR-1016-1	5.895	5.080	85860945	289.4E6	598.046	532.384
4)	L1 AR-1016-2	5.918	5.100	120.7E6	389.1E6	589.991	539.026
5)	L1 AR-1016-3	5.981	5.279	74252387	195.0E6	610.761	534.769
6)	L1 AR-1016-4	6.081	5.317	64903666	146.6E6	638.182	528.130
7)	L1 AR-1016-5	6.374	5.534	56910417	155.1E6	571.557	501.488
8)	L2 AR-1221-1	4.923	4.194	5997664	28292154	146.087	167.470
9)	L2 AR-1221-2	5.015	4.283	7961360	34670070	274.403	282.106
10)	L2 AR-1221-3	5.093	4.361	35870389	142.0E6	368.686	364.631
11)	L3 AR-1232-1	5.093	4.361	35870389	142.0E6	428.671	416.819
12)	L3 AR-1232-2	5.628	5.100	61972608	389.1E6	1438.588	1142.513
13)	L3 AR-1232-3	5.918	5.279	120.7E6	195.0E6	1341.831	1157.879
14)	L3 AR-1232-4	6.081	5.361	64903666	166.7E6	1458.389	1170.493
15)	L3 AR-1232-5	6.168	5.534	51625322	155.1E6	1571.469	1150.765 #
16)	L4 AR-1242-1	5.895	5.080	85860945	289.4E6	778.604	681.427
17)	L4 AR-1242-2	5.918	5.100	120.7E6	389.1E6	777.138	683.622
18)	L4 AR-1242-3	5.981	5.279	74252387	195.0E6	791.359	675.665
19)	L4 AR-1242-4	6.081	5.361	64903666	166.7E6	835.444	640.455
20)	L4 AR-1242-5	6.818	5.888	10592953	130.7E6	121.023	492.520 #
21)	L5 AR-1248-1	5.895	5.080	85860945	289.4E6	1031.829	887.899
22)	L5 AR-1248-2	6.168	5.317	51625322	146.6E6	449.877	393.484
23)	L5 AR-1248-3	6.374	5.361	56910417	166.7E6	438.930	445.406
24)	L5 AR-1248-4	6.777	5.534	8459250	155.1E6	55.128	389.344 #
25)	L5 AR-1248-5	6.818	5.929	10592953	35944035	73.161	102.914 #
26)	L6 AR-1254-1	6.751	5.888	45784038	130.7E6	280.347	246.656
27)	L6 AR-1254-2	6.967	6.035	51916857	135.4E6	209.258	270.079 #
28)	L6 AR-1254-3	7.338	6.456	24199822	310.8E6	89.675	329.387 #
29)	L6 AR-1254-4	7.623	6.668	22179399	56018954	109.281	84.611
30)	L6 AR-1254-5	8.040	7.087	165.6E6	484.2E6	778.741	563.922 #
31)	L7 AR-1260-1	7.500	6.573	111.8E6	280.2E6	590.010	472.659
32)	L7 AR-1260-2	7.753	6.757	135.3E6	479.6E6	572.279	588.212
33)	L7 AR-1260-3	8.115	6.914	83439053	388.7E6	444.468	562.235 #
34)	L7 AR-1260-4	8.354	7.387	106.0E6	268.2E6	527.536	462.181
35)	L7 AR-1260-5	8.692	7.626	202.1E6	770.3E6	466.915	473.807
36)	L8 AR-1262-1	8.175	7.087	45855435	484.2E6	487.147	1111.125 #
37)	L8 AR-1262-2	8.692	7.626	202.1E6	770.3E6	468.592	447.483
38)	L8 AR-1262-3	9.044	7.911	127.7E6	139.6E6	458.256	213.923 #
39)	L8 AR-1262-4	9.100	7.976	95991994	411.6E6	468.553	352.211
40)	L8 AR-1262-5	9.823	8.491	43098943	146.0E6	298.781	272.865
41)	L9 AR-1268-1	9.044	7.911	127.7E6	139.6E6	232.567	63.683 #

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Integration File signal 1: autoint1.e
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 Quant Time: Oct 09 06:02:53 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR100319CLP.M
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 QLast Update : Fri Oct 04 06:59:35 2019
 Response via : Initial Calibration
 Integrator: ChemStation

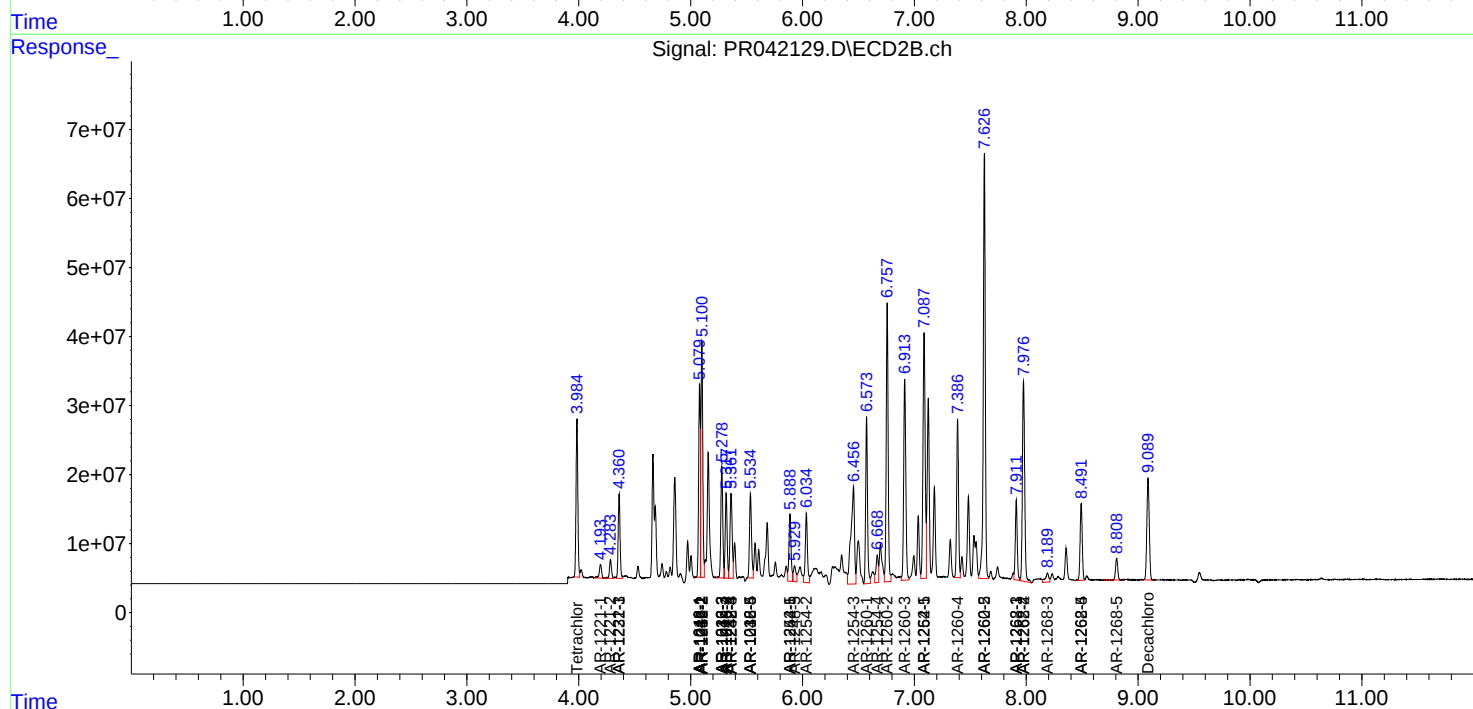
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

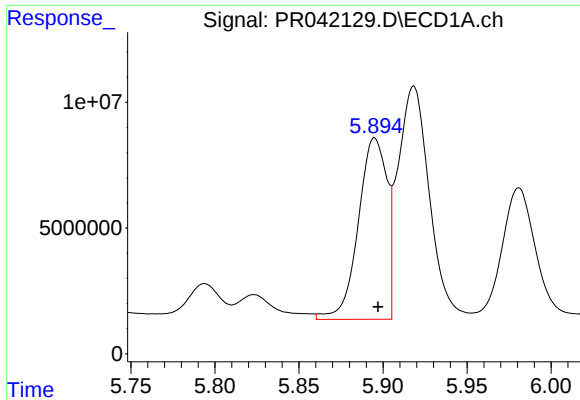
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.100	7.976	95991994	411.6E6	193.075	206.842
43) L9	AR-1268-3	9.365	8.190	4253606	28126270	10.428	16.783 #
44) L9	AR-1268-4	9.823	8.491	43098943	146.0E6	245.651	226.168
45) L9	AR-1268-5	10.268	8.808	14158810	42187860	10.866	9.193

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

Instrument :
ECD_R
ClientSampleId :

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

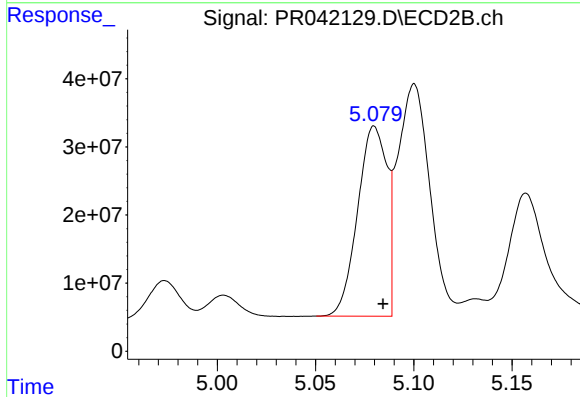




#3 AR-1016-1

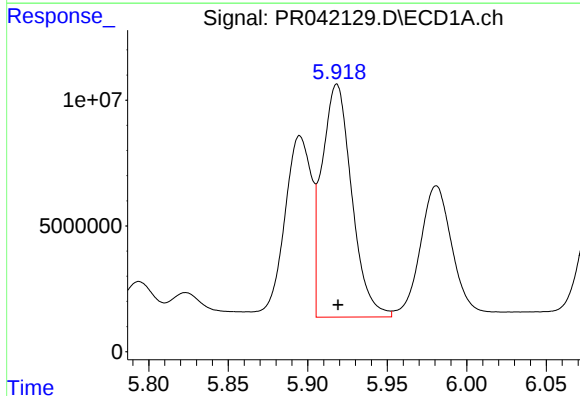
R.T.: 5.895 min
Delta R.T.: -0.002 min
Response: 85860945
Conc: 598.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



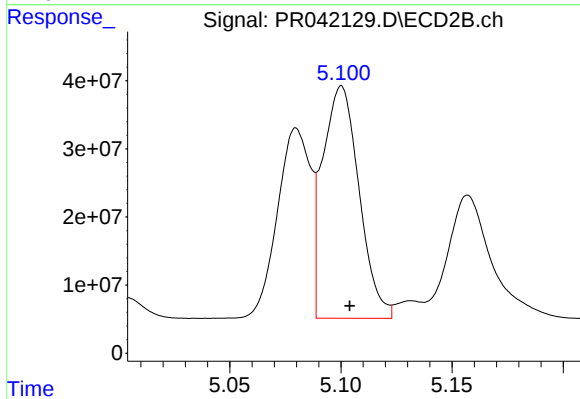
#3 AR-1016-1

R.T.: 5.080 min
Delta R.T.: -0.004 min
Response: 289401468
Conc: 532.38 ng/ml



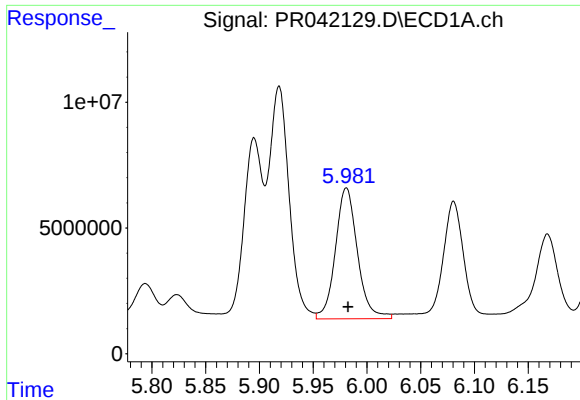
#4 AR-1016-2

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 120651114
Conc: 589.99 ng/ml



#4 AR-1016-2

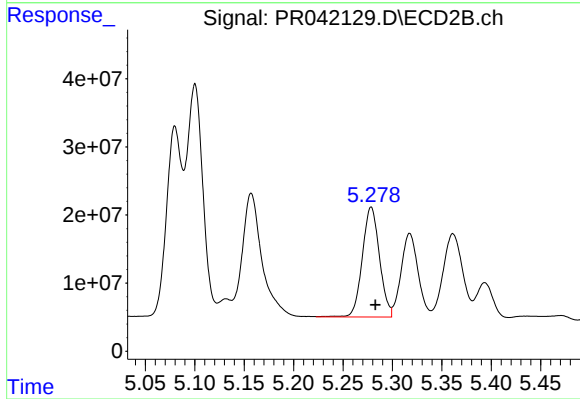
R.T.: 5.100 min
Delta R.T.: -0.004 min
Response: 389055327
Conc: 539.03 ng/ml



#5 AR-1016-3

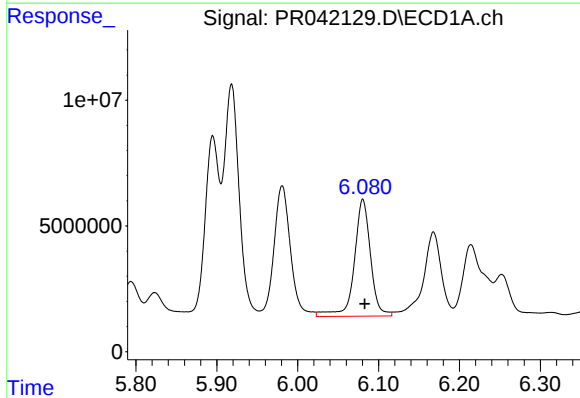
R.T.: 5.981 min
Delta R.T.: -0.002 min
Response: 74252387
Conc: 610.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



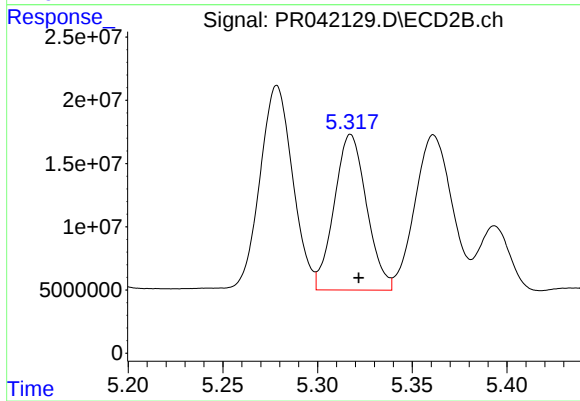
#5 AR-1016-3

R.T.: 5.279 min
Delta R.T.: -0.004 min
Response: 195001670
Conc: 534.77 ng/ml



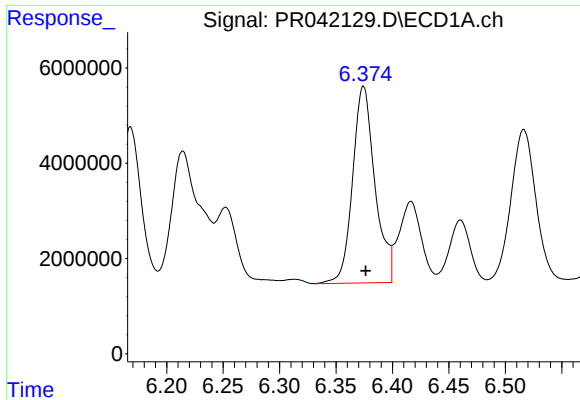
#6 AR-1016-4

R.T.: 6.081 min
Delta R.T.: -0.002 min
Response: 64903666
Conc: 638.18 ng/ml



#6 AR-1016-4

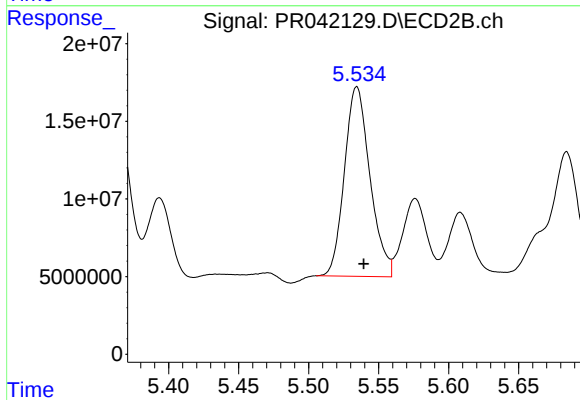
R.T.: 5.317 min
Delta R.T.: -0.004 min
Response: 146561293
Conc: 528.13 ng/ml



#7 AR-1016-5

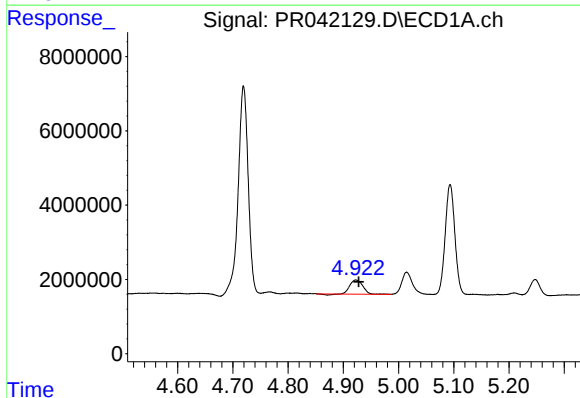
R.T.: 6.374 min
Delta R.T.: -0.002 min
Response: 56910417
Conc: 571.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



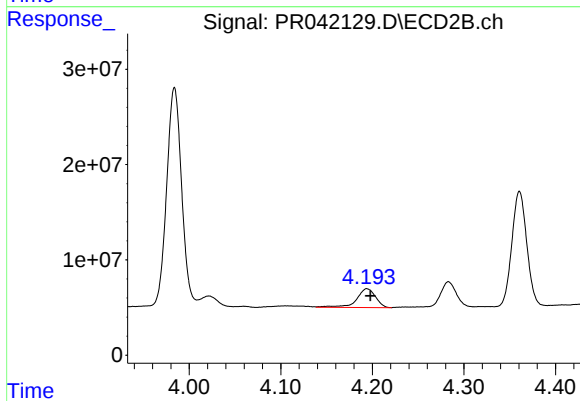
#7 AR-1016-5

R.T.: 5.534 min
Delta R.T.: -0.005 min
Response: 155066658
Conc: 501.49 ng/ml



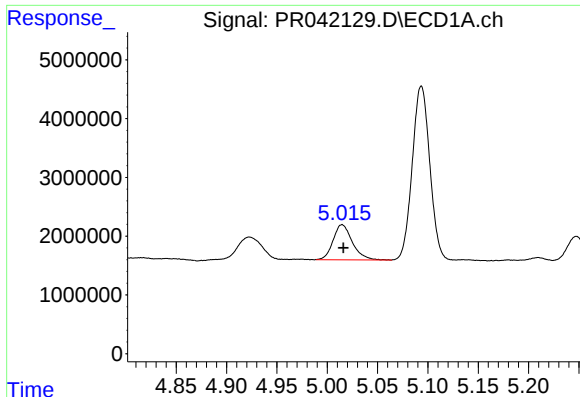
#8 AR-1221-1

R.T.: 4.923 min
Delta R.T.: -0.005 min
Response: 5997664
Conc: 146.09 ng/ml



#8 AR-1221-1

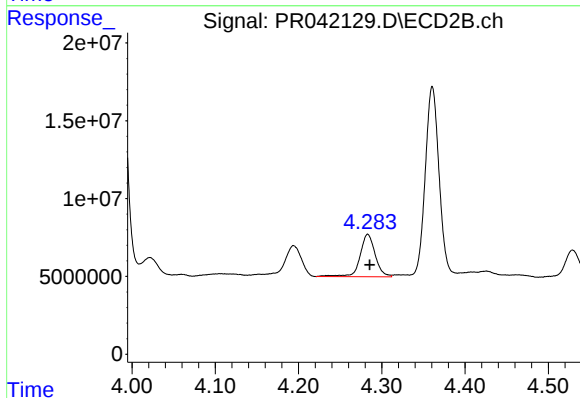
R.T.: 4.194 min
Delta R.T.: -0.004 min
Response: 28292154
Conc: 167.47 ng/ml



#9 AR-1221-2

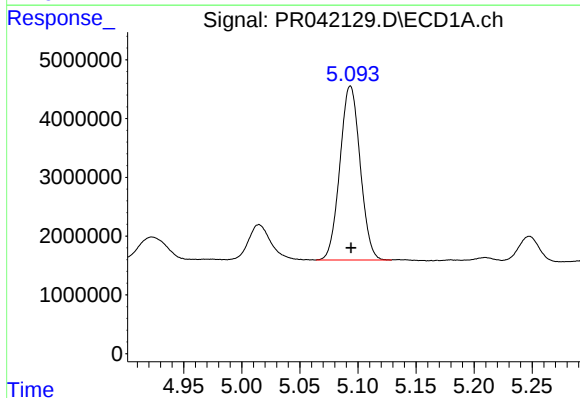
R.T.: 5.015 min
Delta R.T.: -0.001 min
Response: 7961360
Conc: 274.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



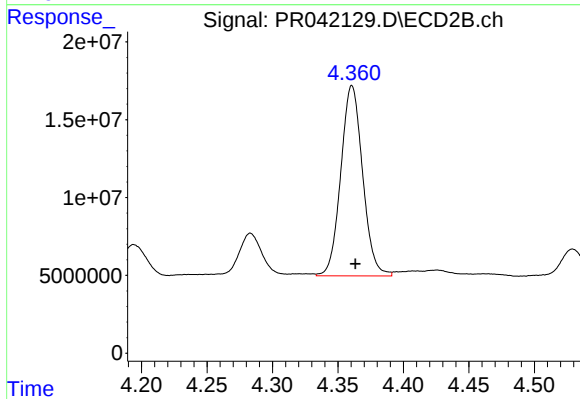
#9 AR-1221-2

R.T.: 4.283 min
Delta R.T.: -0.002 min
Response: 34670070
Conc: 282.11 ng/ml



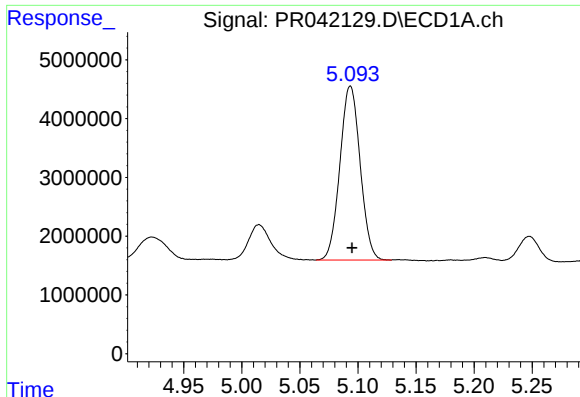
#10 AR-1221-3

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 35870389
Conc: 368.69 ng/ml



#10 AR-1221-3

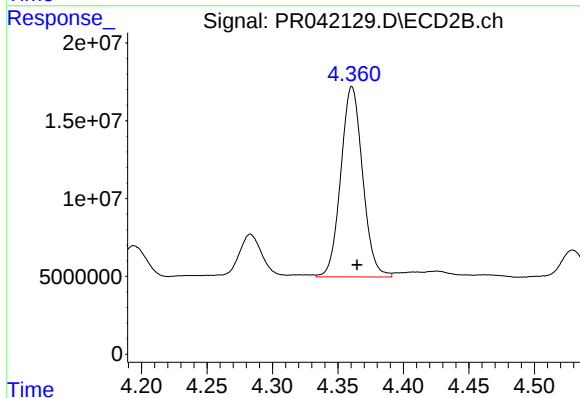
R.T.: 4.361 min
Delta R.T.: -0.003 min
Response: 142022802
Conc: 364.63 ng/ml



#11 AR-1232-1

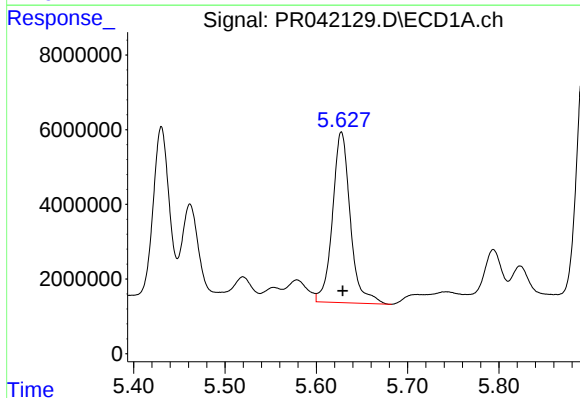
R.T.: 5.093 min
Delta R.T.: -0.002 min
Response: 35870389
Conc: 428.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



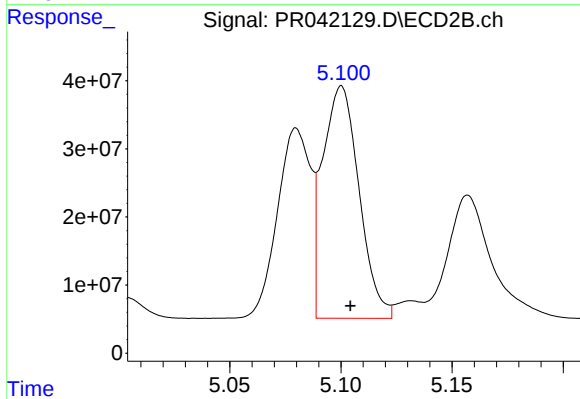
#11 AR-1232-1

R.T.: 4.361 min
Delta R.T.: -0.004 min
Response: 142022802
Conc: 416.82 ng/ml



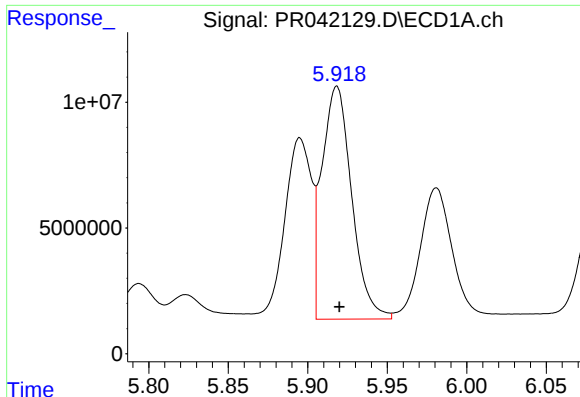
#12 AR-1232-2

R.T.: 5.628 min
Delta R.T.: -0.002 min
Response: 61972608
Conc: 1438.59 ng/ml



#12 AR-1232-2

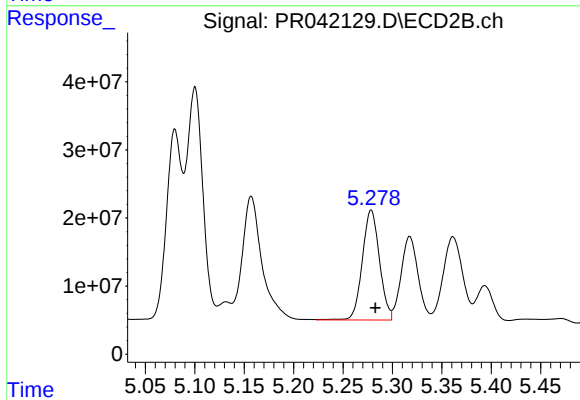
R.T.: 5.100 min
Delta R.T.: -0.004 min
Response: 389055327
Conc: 1142.51 ng/ml



#13 AR-1232-3

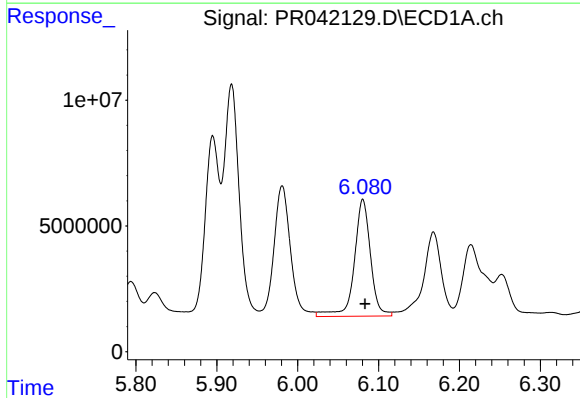
R.T.: 5.918 min
Delta R.T.: -0.002 min
Response: 120651114
Conc: 1341.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



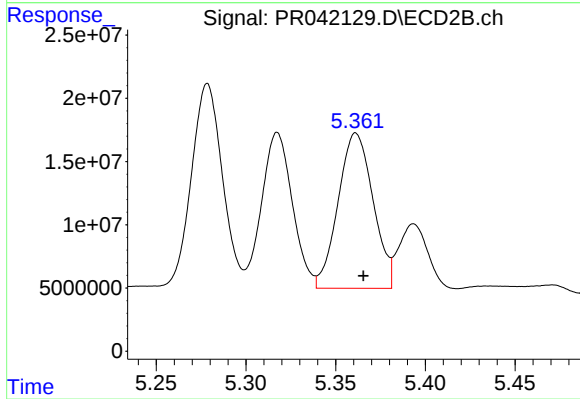
#13 AR-1232-3

R.T.: 5.279 min
Delta R.T.: -0.004 min
Response: 195001670
Conc: 1157.88 ng/ml



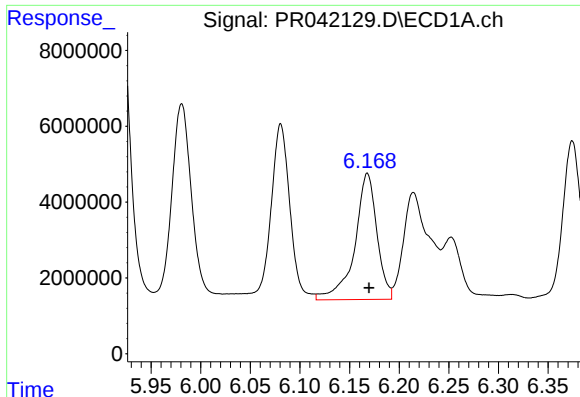
#14 AR-1232-4

R.T.: 6.081 min
Delta R.T.: -0.002 min
Response: 64903666
Conc: 1458.39 ng/ml



#14 AR-1232-4

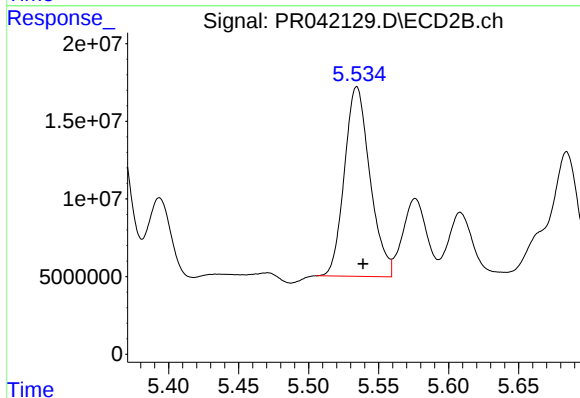
R.T.: 5.361 min
Delta R.T.: -0.004 min
Response: 166723798
Conc: 1170.49 ng/ml



#15 AR-1232-5

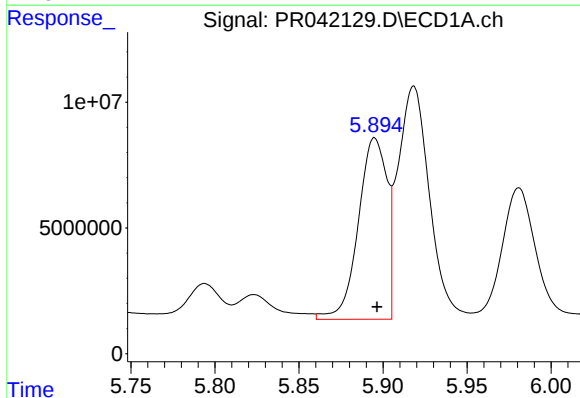
R.T.: 6.168 min
Delta R.T.: -0.002 min
Response: 51625322
Conc: 1571.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



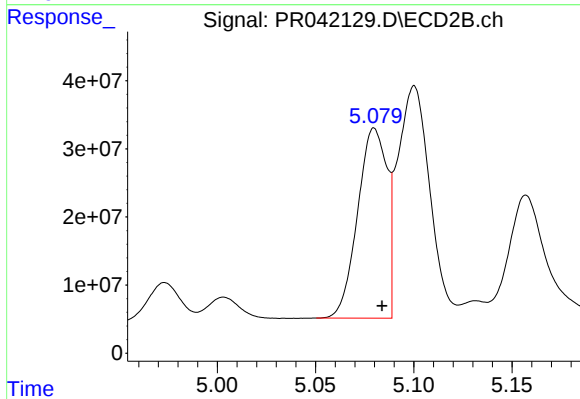
#15 AR-1232-5

R.T.: 5.534 min
Delta R.T.: -0.005 min
Response: 155066658
Conc: 1150.77 ng/ml



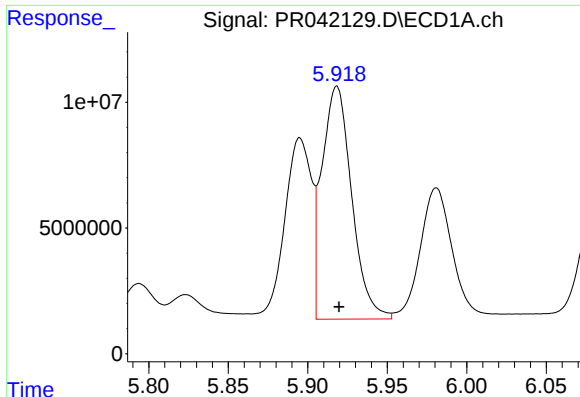
#16 AR-1242-1

R.T.: 5.895 min
Delta R.T.: -0.002 min
Response: 85860945
Conc: 778.60 ng/ml



#16 AR-1242-1

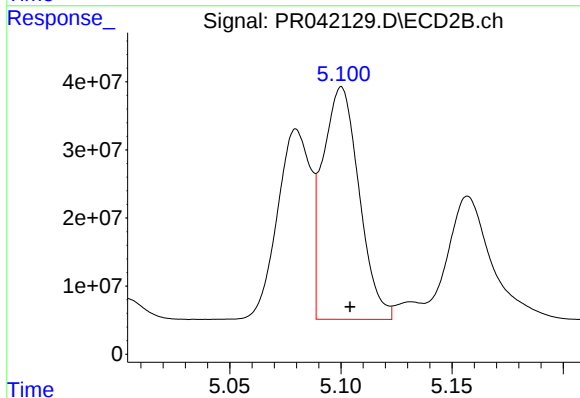
R.T.: 5.080 min
Delta R.T.: -0.004 min
Response: 289401468
Conc: 681.43 ng/ml



#17 AR-1242-2

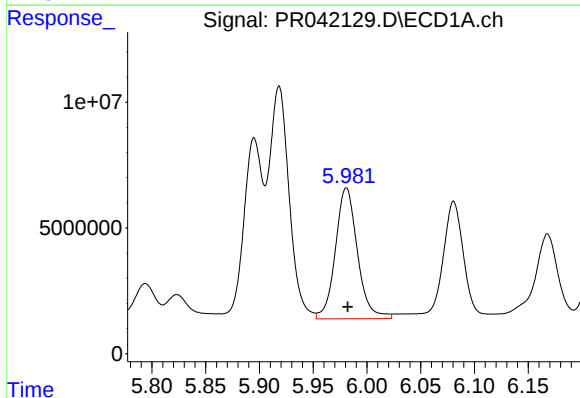
R.T.: 5.918 min
Delta R.T.: -0.001 min
Response: 120651114
Conc: 777.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



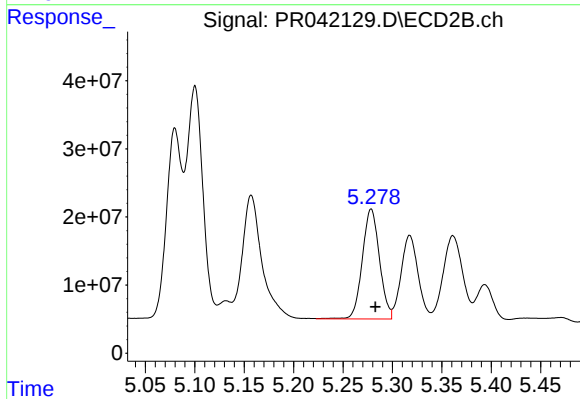
#17 AR-1242-2

R.T.: 5.100 min
Delta R.T.: -0.004 min
Response: 389055327
Conc: 683.62 ng/ml



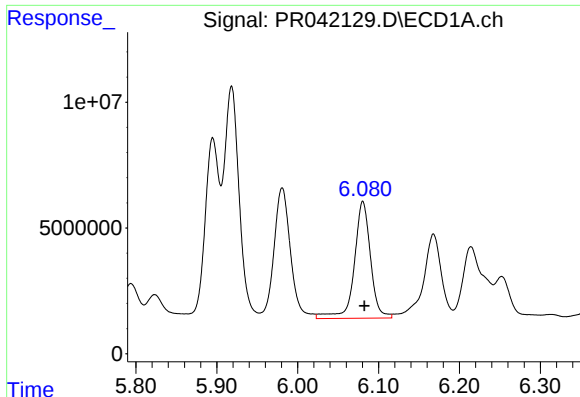
#18 AR-1242-3

R.T.: 5.981 min
Delta R.T.: -0.001 min
Response: 74252387
Conc: 791.36 ng/ml



#18 AR-1242-3

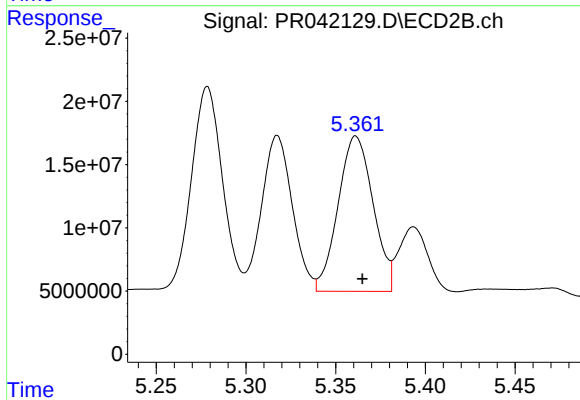
R.T.: 5.279 min
Delta R.T.: -0.004 min
Response: 195001670
Conc: 675.67 ng/ml



#19 AR-1242-4

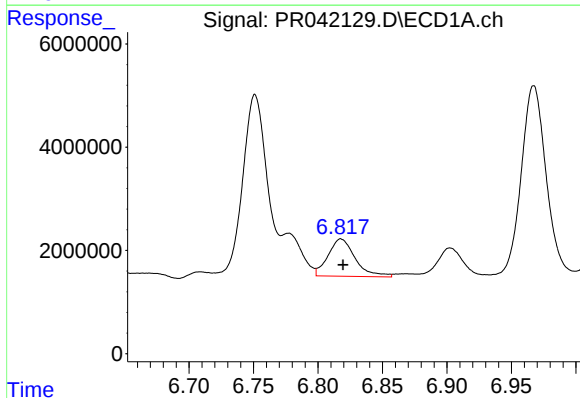
R.T.: 6.081 min
Delta R.T.: -0.002 min
Response: 64903666
Conc: 835.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



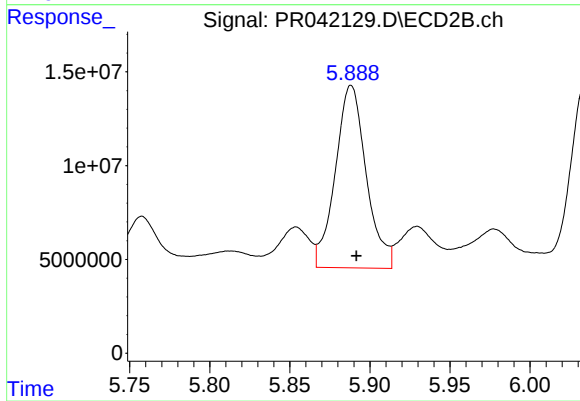
#19 AR-1242-4

R.T.: 5.361 min
Delta R.T.: -0.004 min
Response: 166723798
Conc: 640.46 ng/ml



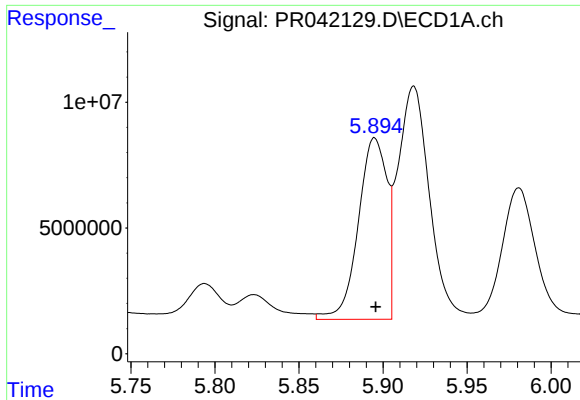
#20 AR-1242-5

R.T.: 6.818 min
Delta R.T.: -0.002 min
Response: 10592953
Conc: 121.02 ng/ml



#20 AR-1242-5

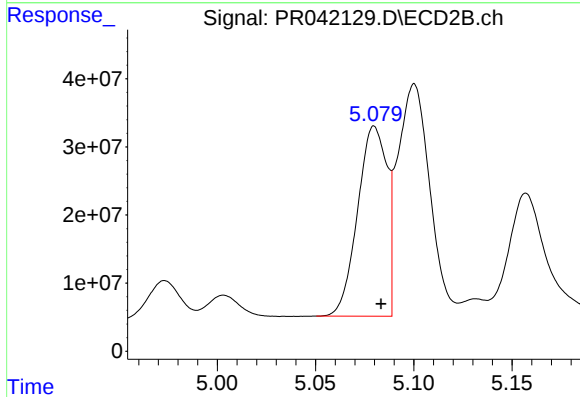
R.T.: 5.888 min
Delta R.T.: -0.003 min
Response: 130662479
Conc: 492.52 ng/ml



#21 AR-1248-1

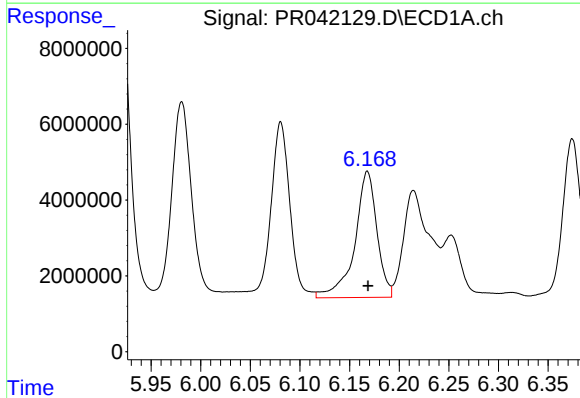
R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 85860945
Conc: 1031.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



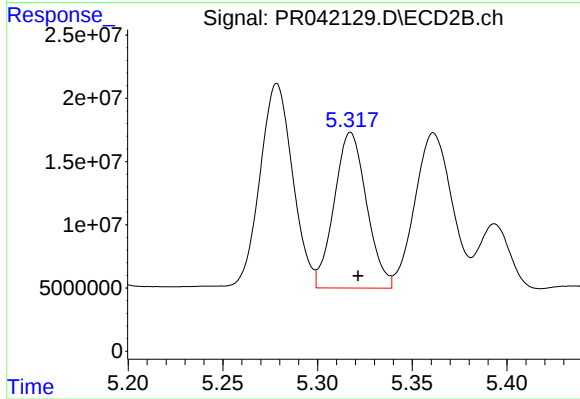
#21 AR-1248-1

R.T.: 5.080 min
Delta R.T.: -0.003 min
Response: 289401468
Conc: 887.90 ng/ml



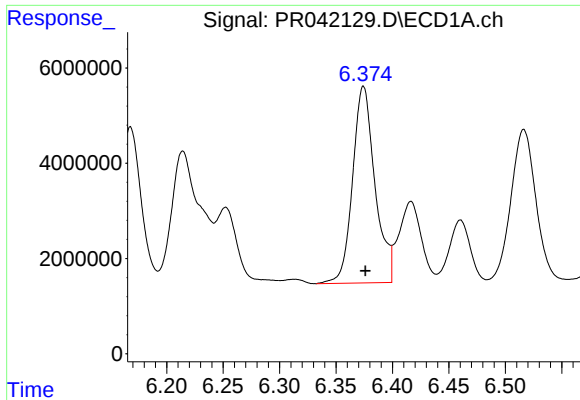
#22 AR-1248-2

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 51625322
Conc: 449.88 ng/ml



#22 AR-1248-2

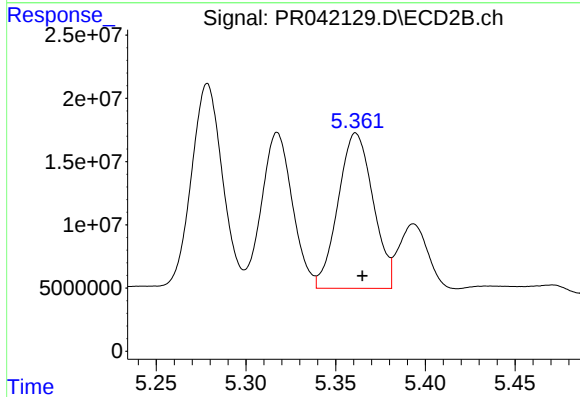
R.T.: 5.317 min
Delta R.T.: -0.004 min
Response: 146561293
Conc: 393.48 ng/ml



#23 AR-1248-3

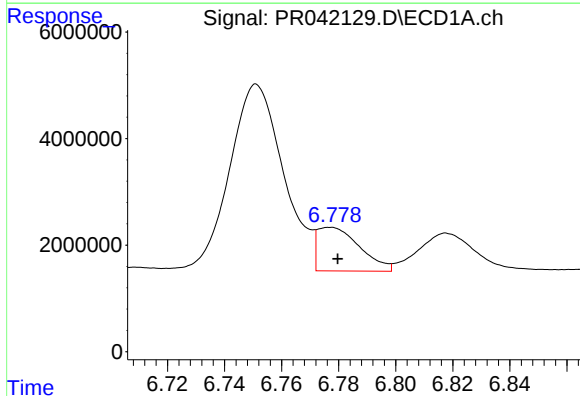
R.T.: 6.374 min
Delta R.T.: -0.002 min
Response: 56910417
Conc: 438.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



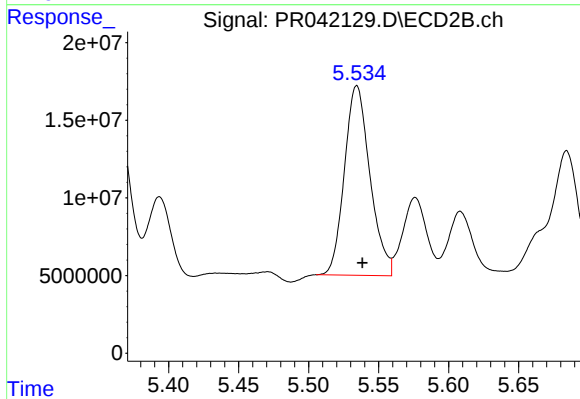
#23 AR-1248-3

R.T.: 5.361 min
Delta R.T.: -0.004 min
Response: 166723798
Conc: 445.41 ng/ml



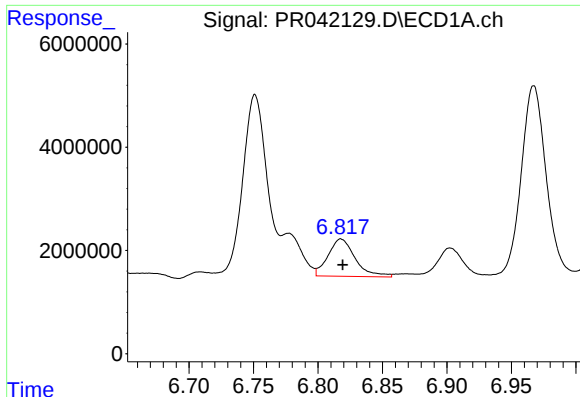
#24 AR-1248-4

R.T.: 6.777 min
Delta R.T.: -0.003 min
Response: 8459250
Conc: 55.13 ng/ml



#24 AR-1248-4

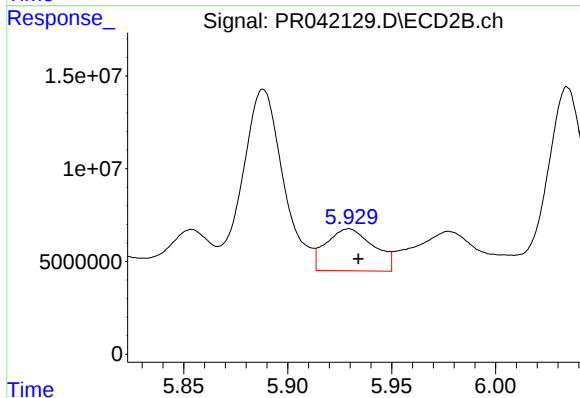
R.T.: 5.534 min
Delta R.T.: -0.004 min
Response: 155066658
Conc: 389.34 ng/ml



#25 AR-1248-5

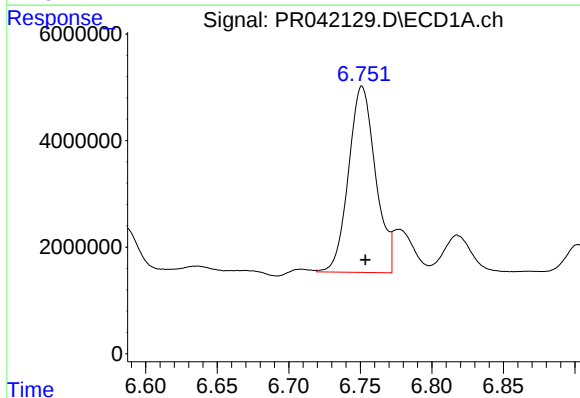
R.T.: 6.818 min
Delta R.T.: -0.001 min
Response: 10592953
Conc: 73.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



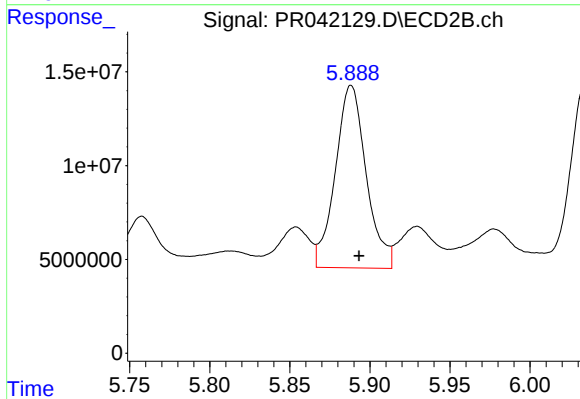
#25 AR-1248-5

R.T.: 5.929 min
Delta R.T.: -0.005 min
Response: 35944035
Conc: 102.91 ng/ml



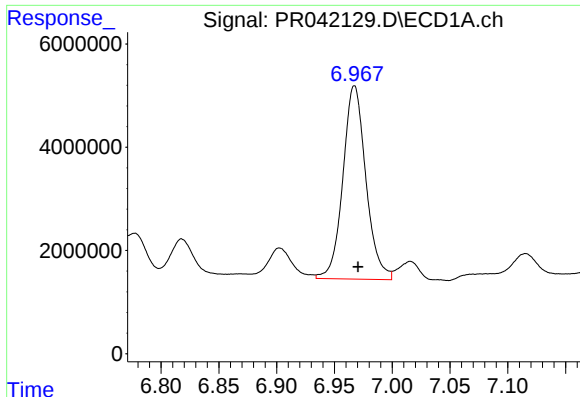
#26 AR-1254-1

R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 45784038
Conc: 280.35 ng/ml



#26 AR-1254-1

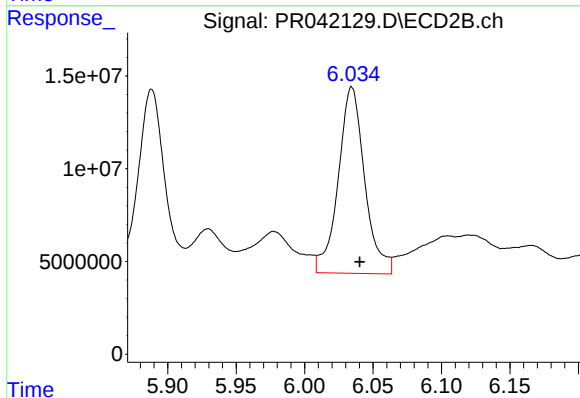
R.T.: 5.888 min
Delta R.T.: -0.005 min
Response: 130662479
Conc: 246.66 ng/ml



#27 AR-1254-2

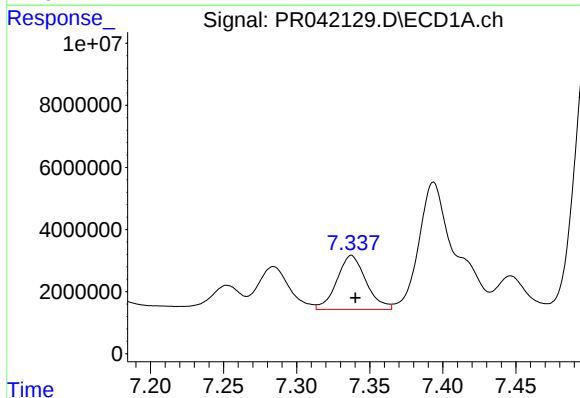
R.T.: 6.967 min
Delta R.T.: -0.003 min
Response: 51916857
Conc: 209.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



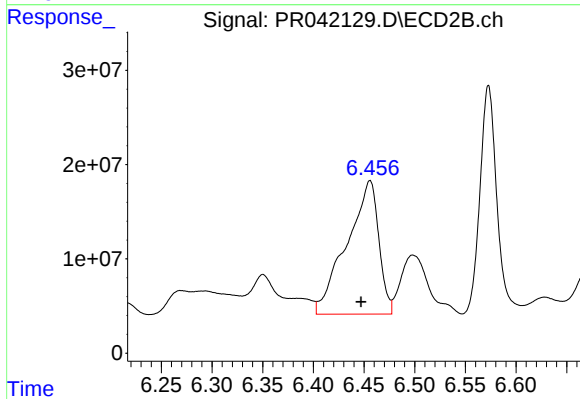
#27 AR-1254-2

R.T.: 6.035 min
Delta R.T.: -0.006 min
Response: 135405424
Conc: 270.08 ng/ml



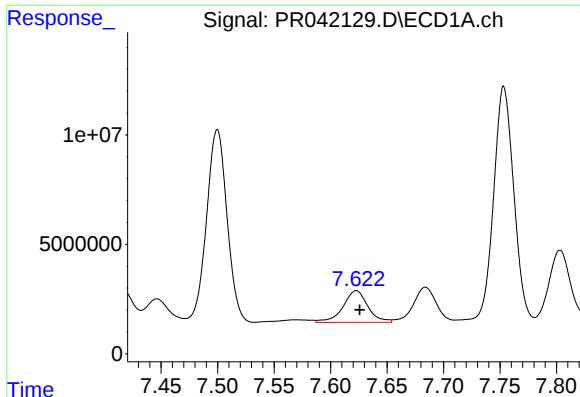
#28 AR-1254-3

R.T.: 7.338 min
Delta R.T.: -0.003 min
Response: 24199822
Conc: 89.67 ng/ml



#28 AR-1254-3

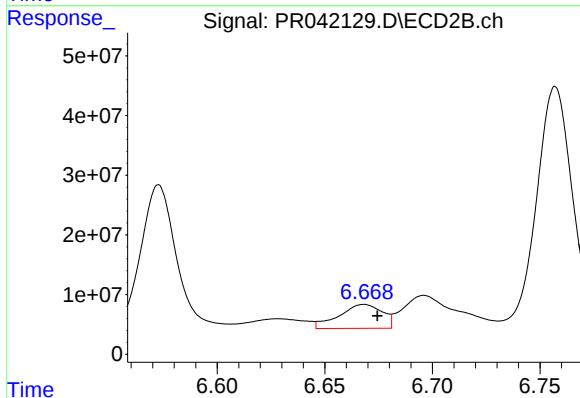
R.T.: 6.456 min
Delta R.T.: 0.009 min
Response: 310759366
Conc: 329.39 ng/ml



#29 AR-1254-4

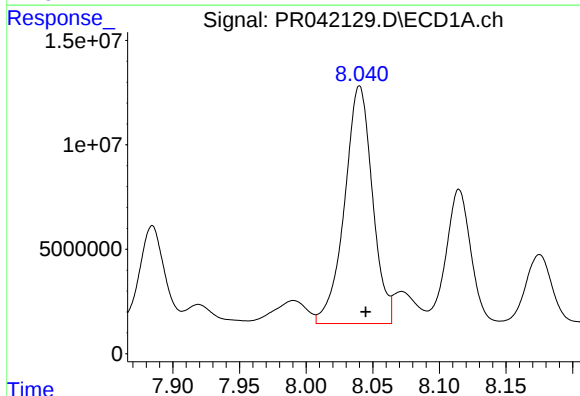
R.T.: 7.623 min
Delta R.T.: -0.003 min
Response: 22179399
Conc: 109.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



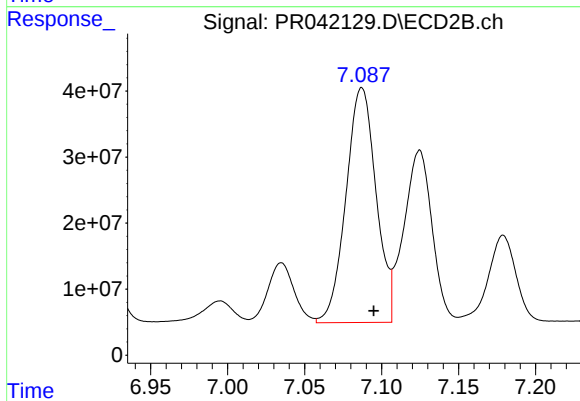
#29 AR-1254-4

R.T.: 6.668 min
Delta R.T.: -0.006 min
Response: 56018954
Conc: 84.61 ng/ml



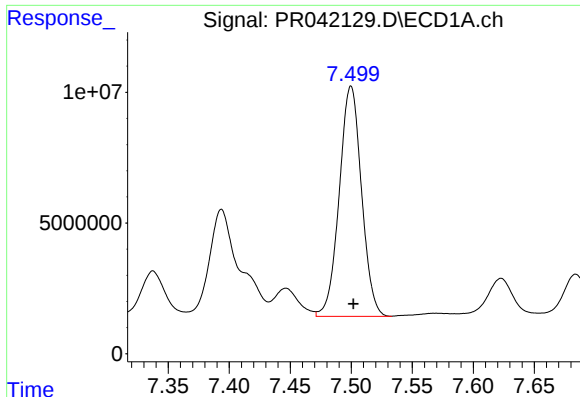
#30 AR-1254-5

R.T.: 8.040 min
Delta R.T.: -0.005 min
Response: 165601965
Conc: 778.74 ng/ml



#30 AR-1254-5

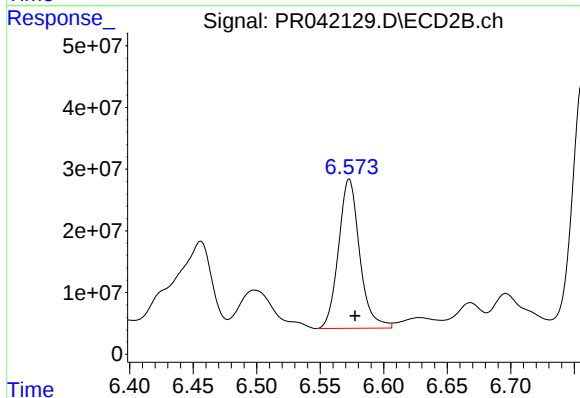
R.T.: 7.087 min
Delta R.T.: -0.008 min
Response: 484208052
Conc: 563.92 ng/ml



#31 AR-1260-1

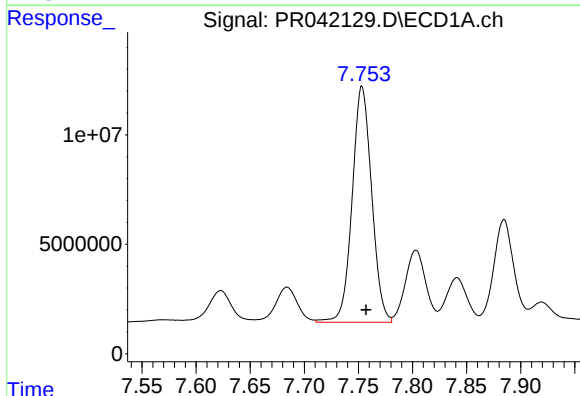
R.T.: 7.500 min
Delta R.T.: -0.002 min
Response: 111786759
Conc: 590.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



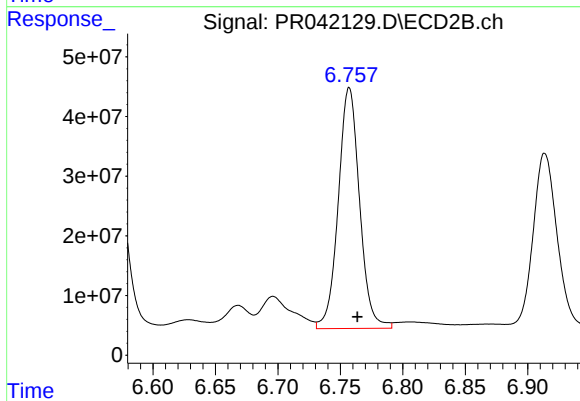
#31 AR-1260-1

R.T.: 6.573 min
Delta R.T.: -0.005 min
Response: 280177319
Conc: 472.66 ng/ml



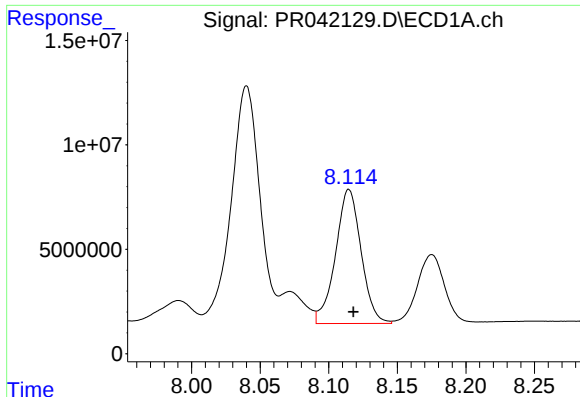
#32 AR-1260-2

R.T.: 7.753 min
Delta R.T.: -0.004 min
Response: 135264749
Conc: 572.28 ng/ml



#32 AR-1260-2

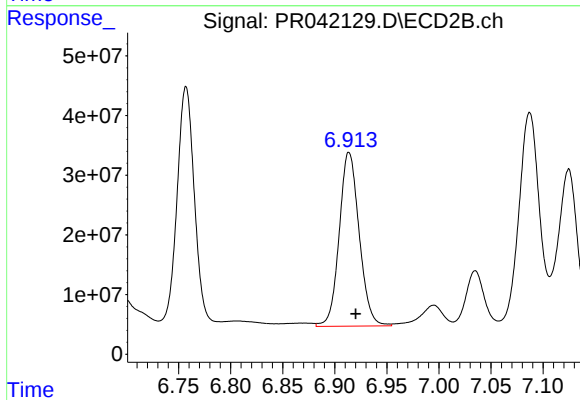
R.T.: 6.757 min
Delta R.T.: -0.006 min
Response: 479555816
Conc: 588.21 ng/ml



#33 AR-1260-3

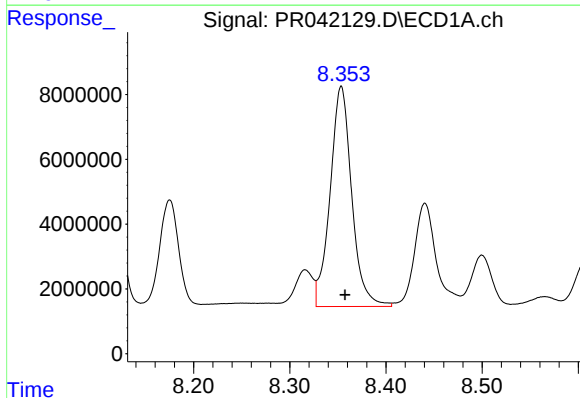
R.T.: 8.115 min
Delta R.T.: -0.003 min
Response: 83439053
Conc: 444.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



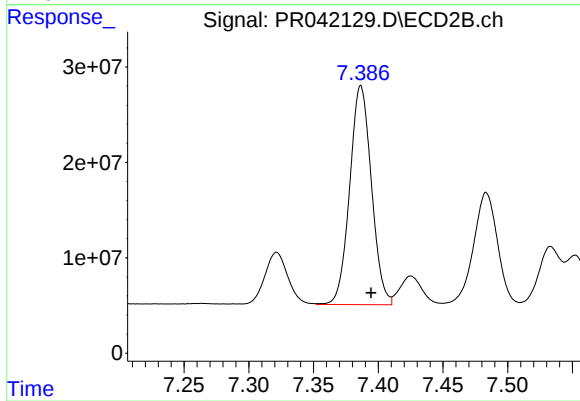
#33 AR-1260-3

R.T.: 6.914 min
Delta R.T.: -0.007 min
Response: 388678337
Conc: 562.24 ng/ml



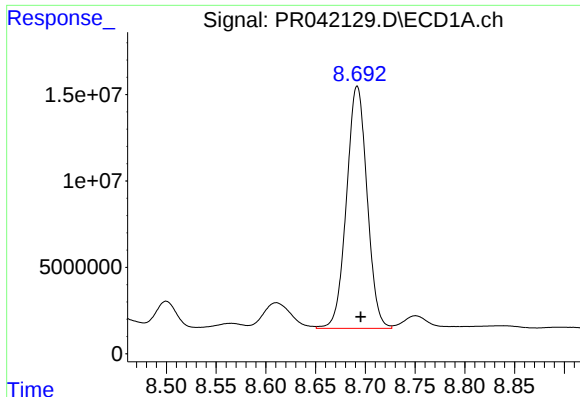
#34 AR-1260-4

R.T.: 8.354 min
Delta R.T.: -0.004 min
Response: 106017003
Conc: 527.54 ng/ml



#34 AR-1260-4

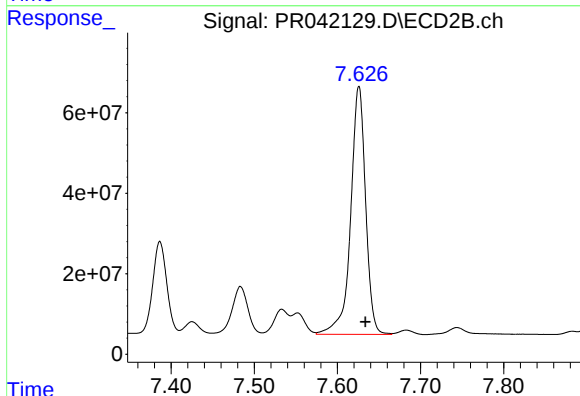
R.T.: 7.387 min
Delta R.T.: -0.008 min
Response: 268200483
Conc: 462.18 ng/ml



#35 AR-1260-5

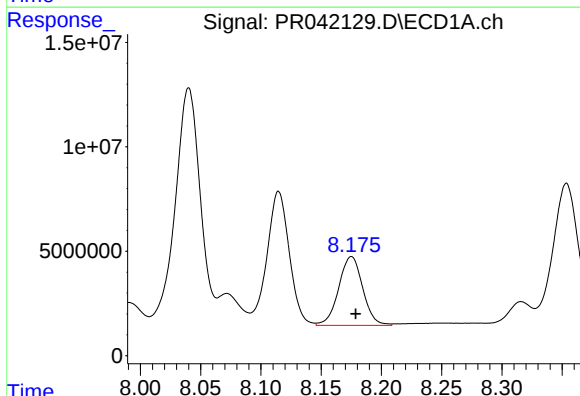
R.T.: 8.692 min
Delta R.T.: -0.004 min
Response: 202121298
Conc: 466.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



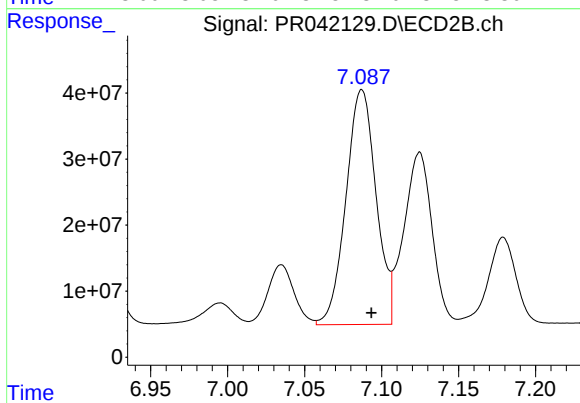
#35 AR-1260-5

R.T.: 7.626 min
Delta R.T.: -0.008 min
Response: 770343851
Conc: 473.81 ng/ml



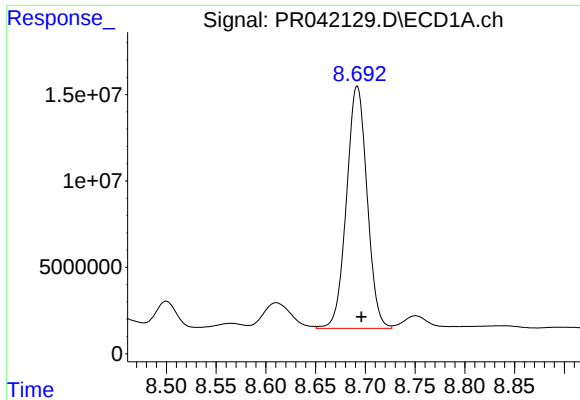
#36 AR-1262-1

R.T.: 8.175 min
Delta R.T.: -0.004 min
Response: 45855435
Conc: 487.15 ng/ml



#36 AR-1262-1

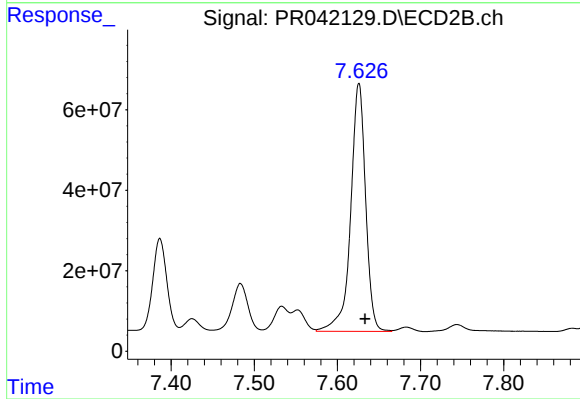
R.T.: 7.087 min
Delta R.T.: -0.006 min
Response: 484208052
Conc: 1111.12 ng/ml



#37 AR-1262-2

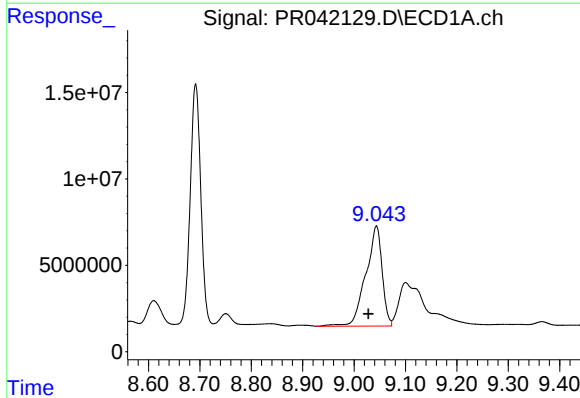
R.T.: 8.692 min
Delta R.T.: -0.004 min
Response: 202121298
Conc: 468.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



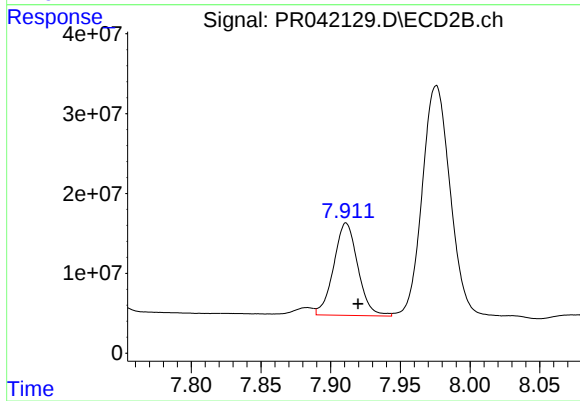
#37 AR-1262-2

R.T.: 7.626 min
Delta R.T.: -0.007 min
Response: 770343851
Conc: 447.48 ng/ml



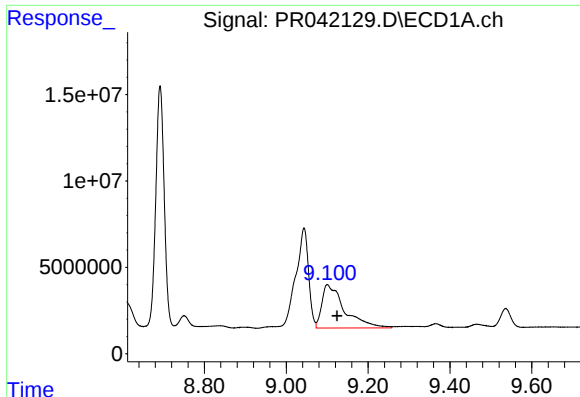
#38 AR-1262-3

R.T.: 9.044 min
Delta R.T.: 0.016 min
Response: 127736057
Conc: 458.26 ng/ml



#38 AR-1262-3

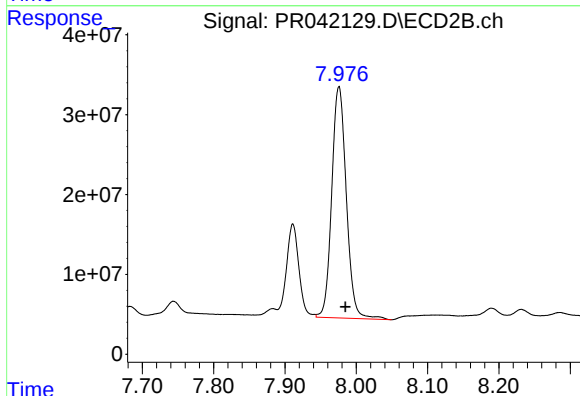
R.T.: 7.911 min
Delta R.T.: -0.009 min
Response: 139632325
Conc: 213.92 ng/ml



#39 AR-1262-4

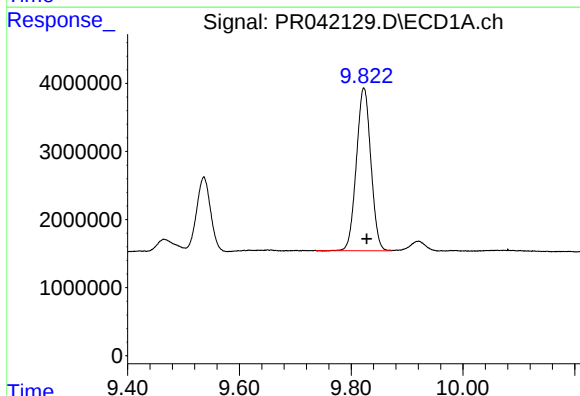
R.T.: 9.100 min
Delta R.T.: -0.024 min
Response: 95991994
Conc: 468.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



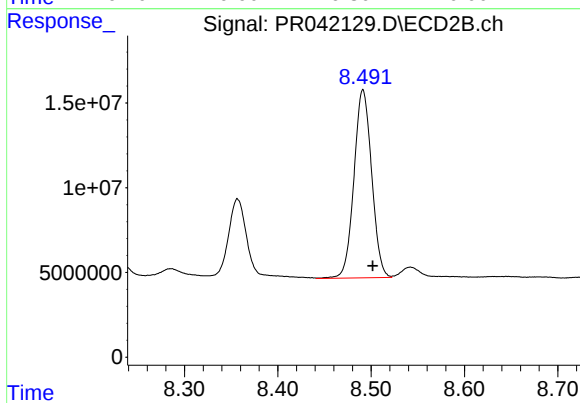
#39 AR-1262-4

R.T.: 7.976 min
Delta R.T.: -0.009 min
Response: 411581931
Conc: 352.21 ng/ml



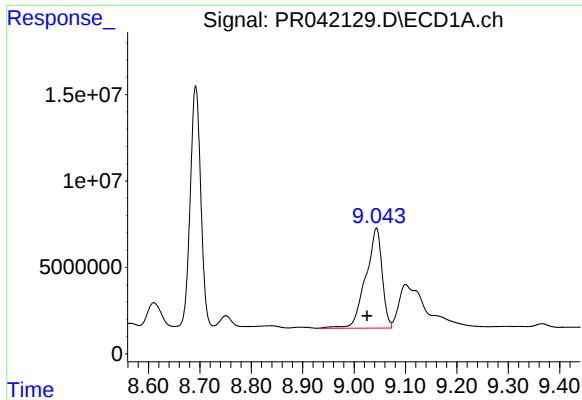
#40 AR-1262-5

R.T.: 9.823 min
Delta R.T.: -0.005 min
Response: 43098943
Conc: 298.78 ng/ml



#40 AR-1262-5

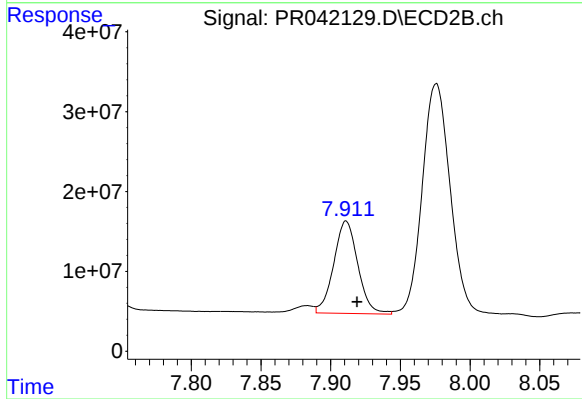
R.T.: 8.491 min
Delta R.T.: -0.010 min
Response: 145957529
Conc: 272.86 ng/ml



#41 AR-1268-1

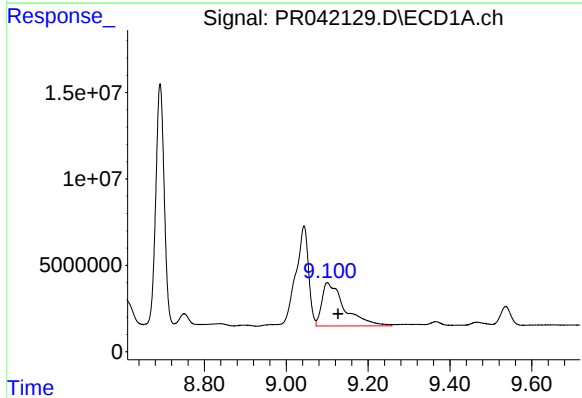
R.T.: 9.044 min
Delta R.T.: 0.018 min
Response: 127736057
Conc: 232.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



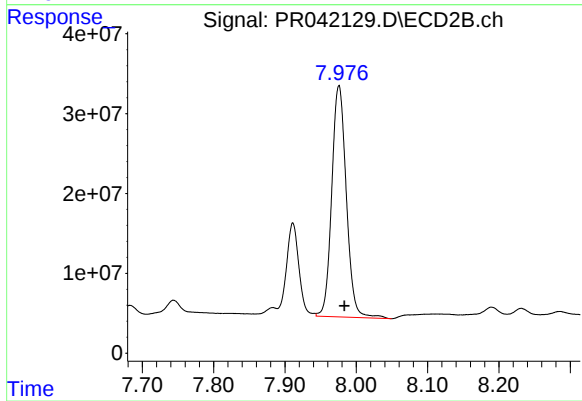
#41 AR-1268-1

R.T.: 7.911 min
Delta R.T.: -0.008 min
Response: 139632325
Conc: 63.68 ng/ml



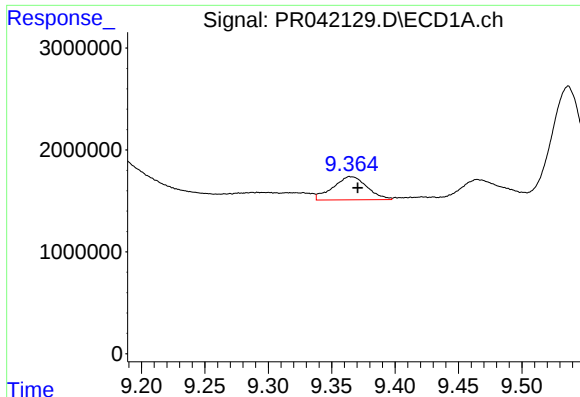
#42 AR-1268-2

R.T.: 9.100 min
Delta R.T.: -0.027 min
Response: 95991994
Conc: 193.07 ng/ml



#42 AR-1268-2

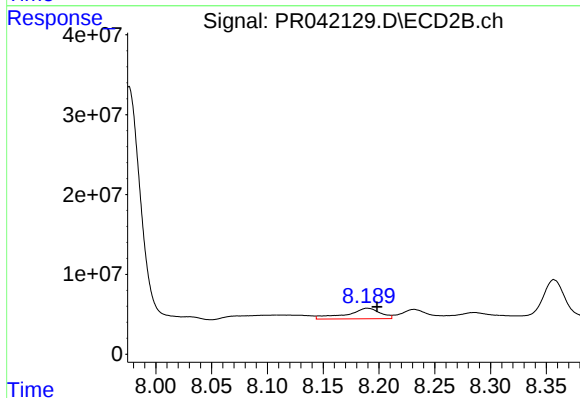
R.T.: 7.976 min
Delta R.T.: -0.008 min
Response: 411581931
Conc: 206.84 ng/ml



#43 AR-1268-3

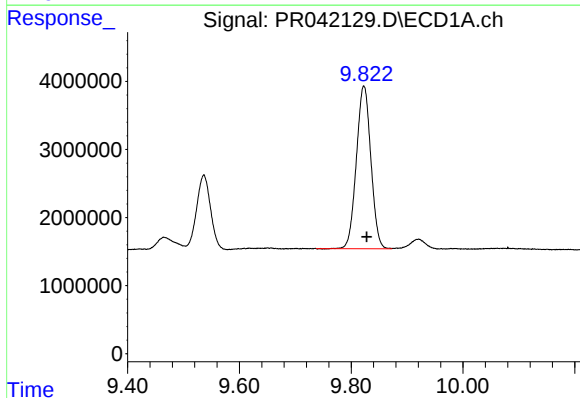
R.T.: 9.365 min
Delta R.T.: -0.006 min
Response: 4253606
Conc: 10.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



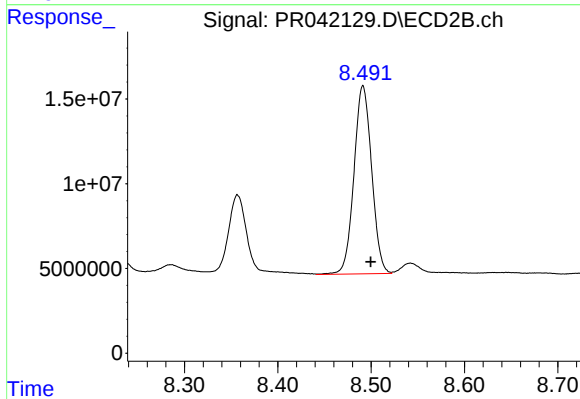
#43 AR-1268-3

R.T.: 8.190 min
Delta R.T.: -0.009 min
Response: 28126270
Conc: 16.78 ng/ml



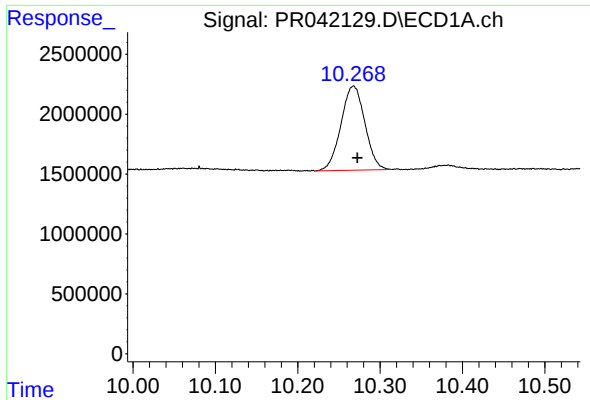
#44 AR-1268-4

R.T.: 9.823 min
Delta R.T.: -0.005 min
Response: 43098943
Conc: 245.65 ng/ml



#44 AR-1268-4

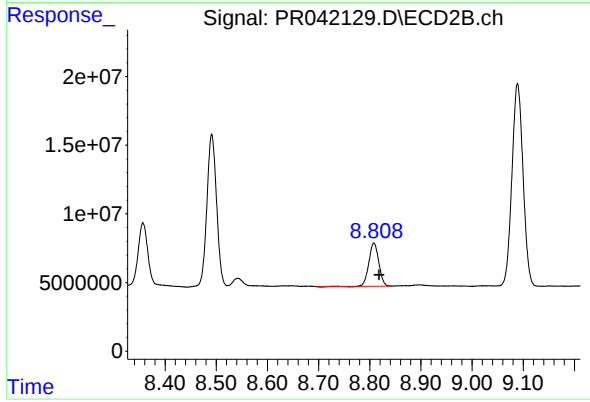
R.T.: 8.491 min
Delta R.T.: -0.009 min
Response: 145957529
Conc: 226.17 ng/ml



#45 AR-1268-5

R.T.: 10.268 min
Delta R.T.: -0.005 min
Response: 14158810
Conc: 10.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.808 min
Delta R.T.: -0.010 min
Response: 42187860
Conc: 9.19 ng/ml