

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101019\
 Data File : PR042195.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Oct 2019 10:01
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660379

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 05:29:31 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...	4.731	3.990	57537515	226.1E6	14.144	14.788
2)	SA Decachlor...	10.651	9.098	149.7E6	488.3E6	43.580	49.250
Target Compounds							
3)	L1 AR-1016-1	5.906	5.085	48809134	185.2E6	339.969	340.603
4)	L1 AR-1016-2	5.930	5.106	68970091	255.1E6	337.268	353.414
5)	L1 AR-1016-3	5.992	5.284	43089103	129.5E6	354.428	355.103
6)	L1 AR-1016-4	6.092	5.323	36048077	97522699	354.452	351.420
7)	L1 AR-1016-5	6.386	5.540	37221676	113.4E6	373.821	366.651
8)	L2 AR-1221-1	4.934	4.200	4221264	13807445	102.818	81.730
9)	L2 AR-1221-2	5.027	4.290	5995126	18700791	206.633	152.166 #
10)	L2 AR-1221-3	5.105	4.366	21031972	80194080	216.172	205.891
11)	L3 AR-1232-1	5.105	4.366	21031972	80194080	251.344	235.360
12)	L3 AR-1232-2	5.639	5.106	32859293	255.1E6	762.772	749.092
13)	L3 AR-1232-3	5.930	5.284	68970091	129.5E6	767.057	768.867
14)	L3 AR-1232-4	6.092	5.366	36048077	116.3E6	810.002	816.266
15)	L3 AR-1232-5	6.179	5.540	32157652	113.4E6	978.875	841.355
16)	L4 AR-1242-1	5.906	5.085	48809134	185.2E6	442.611	435.956
17)	L4 AR-1242-2	5.930	5.106	68970091	255.1E6	444.250	448.218
18)	L4 AR-1242-3	5.992	5.284	43089103	129.5E6	459.230	448.662
19)	L4 AR-1242-4	6.092	5.366	36048077	116.3E6	464.013	446.634
20)	L4 AR-1242-5	6.830	5.894	8904182	72505304	101.729	273.302 #
21)	L5 AR-1248-1	5.906	5.085	48809134	185.2E6	586.561	568.050
22)	L5 AR-1248-2	6.179	5.323	32157652	97522699	280.230	261.826
23)	L5 AR-1248-3	6.386	5.366	37221676	116.3E6	287.078	310.612
24)	L5 AR-1248-4	6.788	5.540	7518130	113.4E6	48.995	284.660 #
25)	L5 AR-1248-5	6.830	5.935	8904182	14092546	61.497	40.349 #
26)	L6 AR-1254-1	6.763	5.894	27829649	72505304	170.408	136.871
27)	L6 AR-1254-2	6.979	6.040	30879627	68611261	124.464	136.852
28)	L6 AR-1254-3	7.350	6.461	19791420	169.2E6	73.339	179.336 #
29)	L6 AR-1254-4	7.634	6.674	14887607	26363965	73.354	39.820 #
30)	L6 AR-1254-5	8.053	7.094	106.1E6	327.0E6	498.971	380.867
31)	L7 AR-1260-1	7.512	6.577	69976442	211.3E6	369.335	356.524
32)	L7 AR-1260-2	7.767	6.763	88140596	309.8E6	372.906	379.973
33)	L7 AR-1260-3	8.128	6.919	67994911	265.5E6	362.199	384.070
34)	L7 AR-1260-4	8.366	7.393	81541214	234.8E6	405.745	404.547
35)	L7 AR-1260-5	8.706	7.633	171.3E6	692.4E6	395.762	425.888
36)	L8 AR-1262-1	8.188	7.094	36531773	327.0E6	388.096	750.443 #
37)	L8 AR-1262-2	8.706	7.633	171.3E6	692.4E6	397.183	402.226
38)	L8 AR-1262-3	9.058	7.919	108.5E6	162.3E6	389.137	248.661 #
39)	L8 AR-1262-4	9.116	7.982	65848626	470.2E6	321.418	402.384 #
40)	L8 AR-1262-5	9.840	8.500	50358205	180.6E6	349.105	337.636
41)	L9 AR-1268-1	9.058	7.919	108.5E6	162.3E6	197.489	74.024 #

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 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
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 AR1660379

Integration File signal 1: autoint1.e
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 Quant Time: Oct 11 05:29:31 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

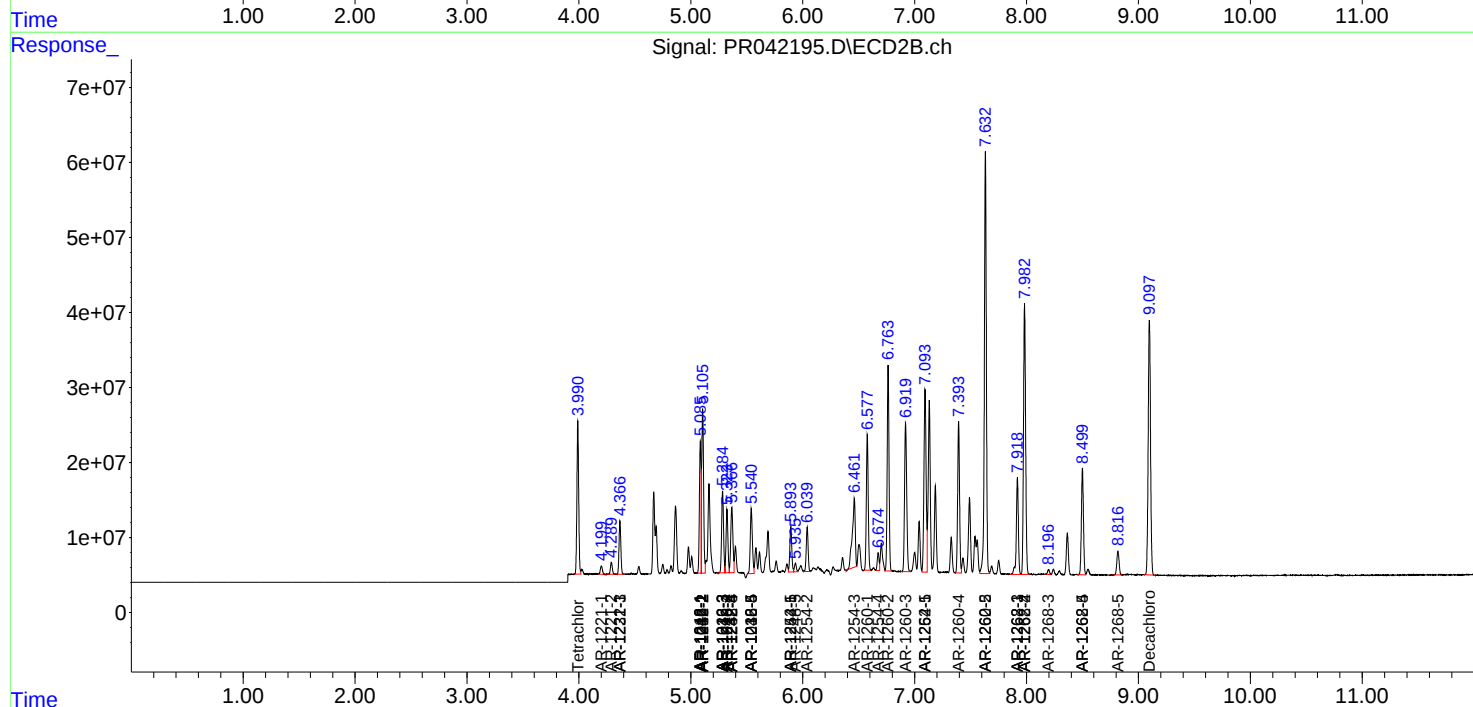
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

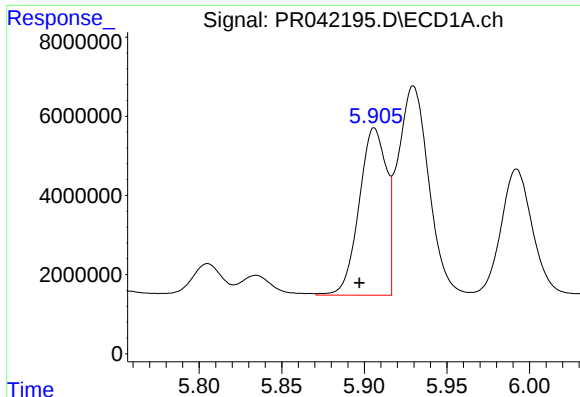
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.116	7.982	65848626	470.2E6	132.446	236.307 #
43) L9	AR-1268-3	9.382	8.197	2348289	7841758	5.757	4.679
44) L9	AR-1268-4	9.840	8.500	50358205	180.6E6	287.026	279.854
45) L9	AR-1268-5	10.286	8.817	13586396	44643977	10.426	9.729

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

Instrument :
ECD_R
ClientSampleId :
AR1660379

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

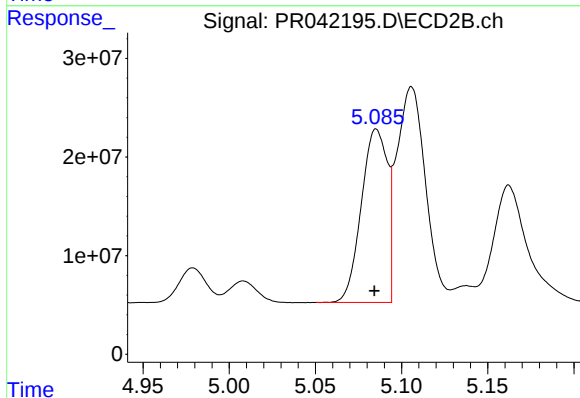




#3 AR-1016-1

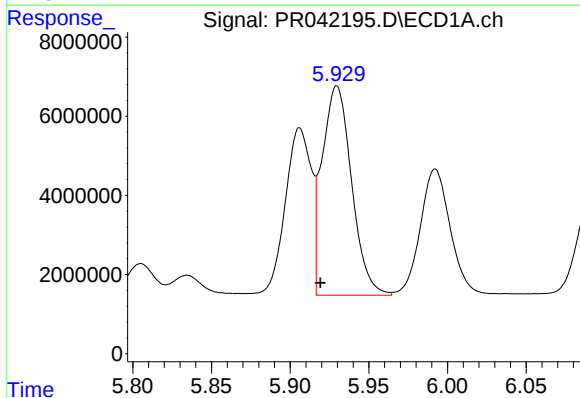
R.T.: 5.906 min
Delta R.T.: 0.009 min
Response: 48809134
Conc: 339.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660379



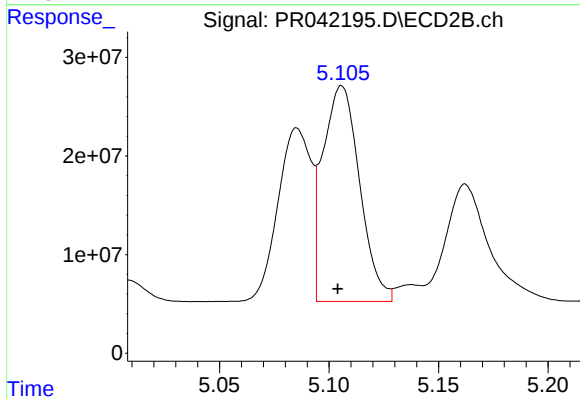
#3 AR-1016-1

R.T.: 5.085 min
Delta R.T.: 0.001 min
Response: 185150163
Conc: 340.60 ng/ml



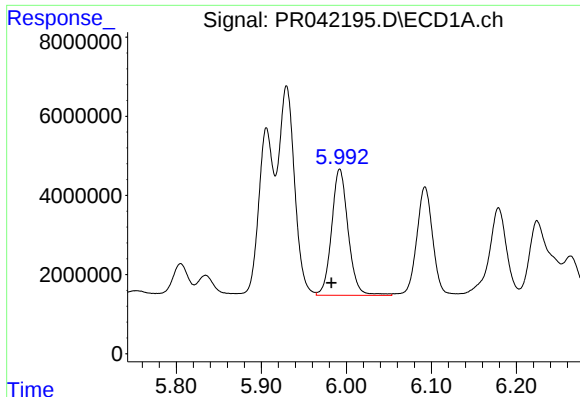
#4 AR-1016-2

R.T.: 5.930 min
Delta R.T.: 0.010 min
Response: 68970091
Conc: 337.27 ng/ml



#4 AR-1016-2

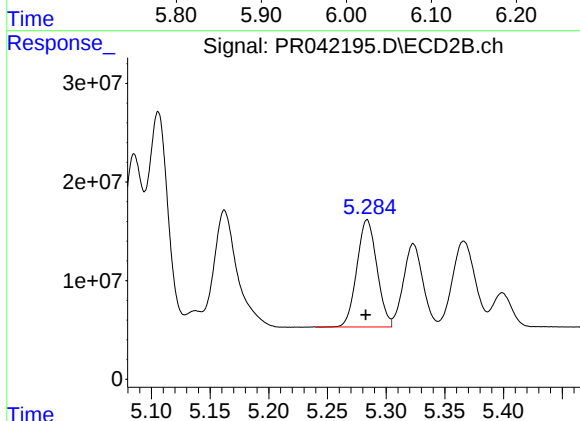
R.T.: 5.106 min
Delta R.T.: 0.002 min
Response: 255085082
Conc: 353.41 ng/ml



#5 AR-1016-3

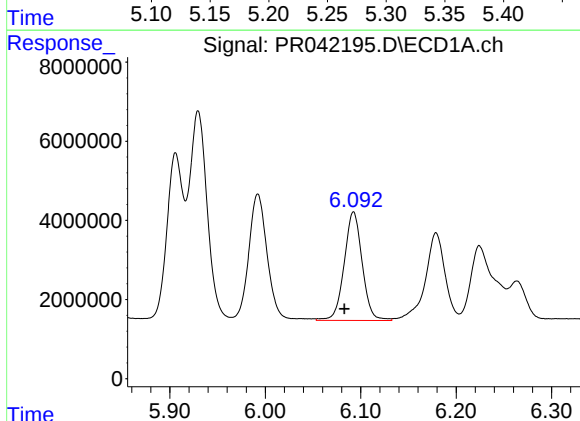
R.T.: 5.992 min
Delta R.T.: 0.010 min
Response: 43089103
Conc: 354.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660379



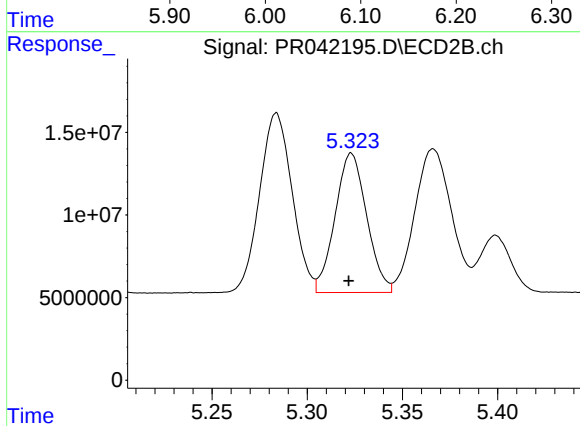
#5 AR-1016-3

R.T.: 5.284 min
Delta R.T.: 0.001 min
Response: 129487057
Conc: 355.10 ng/ml



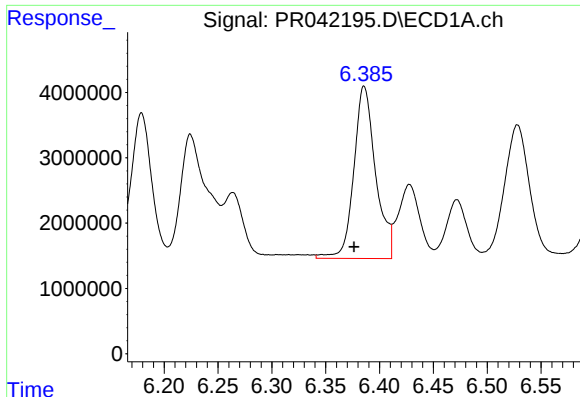
#6 AR-1016-4

R.T.: 6.092 min
Delta R.T.: 0.009 min
Response: 36048077
Conc: 354.45 ng/ml



#6 AR-1016-4

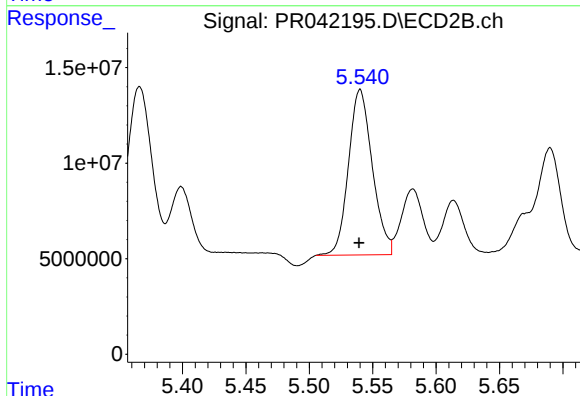
R.T.: 5.323 min
Delta R.T.: 0.001 min
Response: 97522699
Conc: 351.42 ng/ml



#7 AR-1016-5

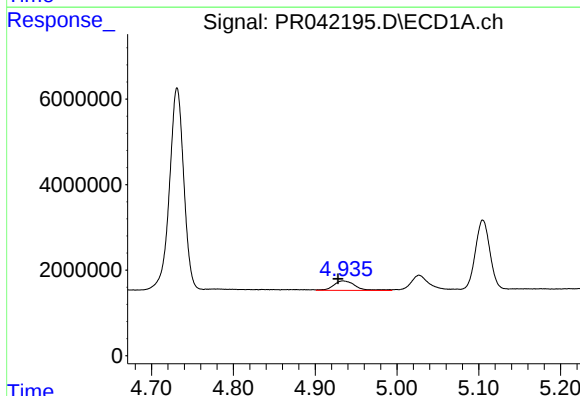
R.T.: 6.386 min
Delta R.T.: 0.009 min
Response: 37221676
Conc: 373.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660379



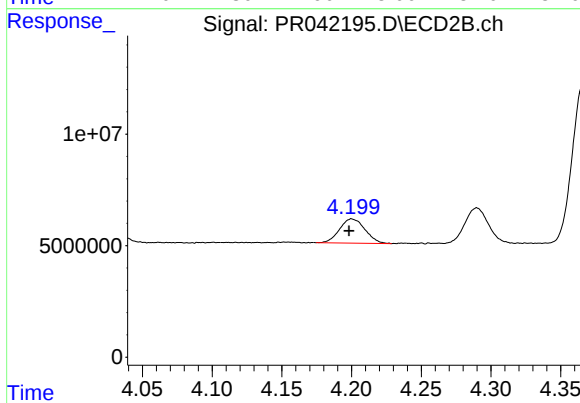
#7 AR-1016-5

R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 113373412
Conc: 366.65 ng/ml



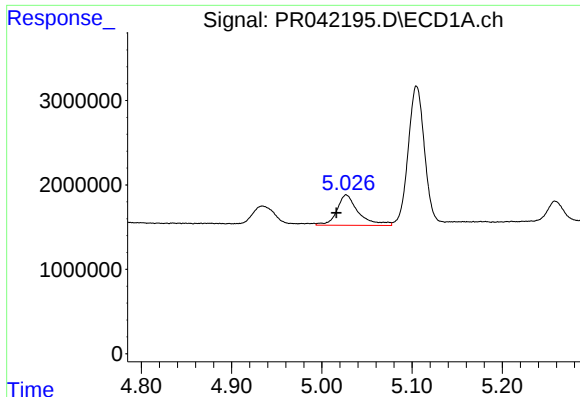
#8 AR-1221-1

R.T.: 4.934 min
Delta R.T.: 0.006 min
Response: 4221264
Conc: 102.82 ng/ml



#8 AR-1221-1

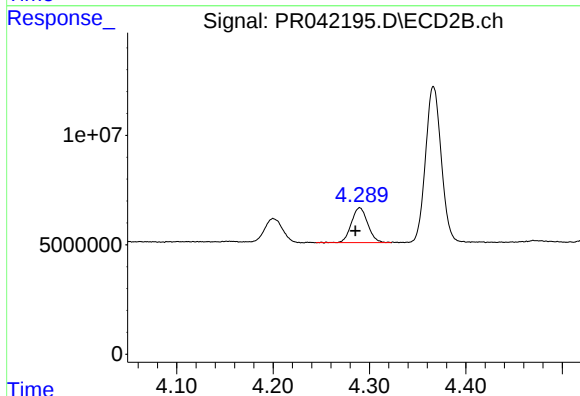
R.T.: 4.200 min
Delta R.T.: 0.002 min
Response: 13807445
Conc: 81.73 ng/ml



#9 AR-1221-2

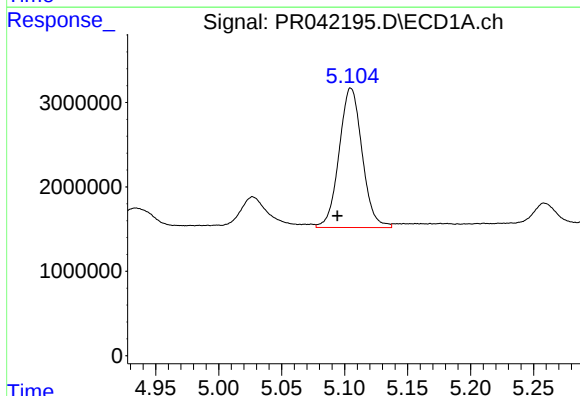
R.T.: 5.027 min
Delta R.T.: 0.011 min
Response: 5995126
Conc: 206.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660379



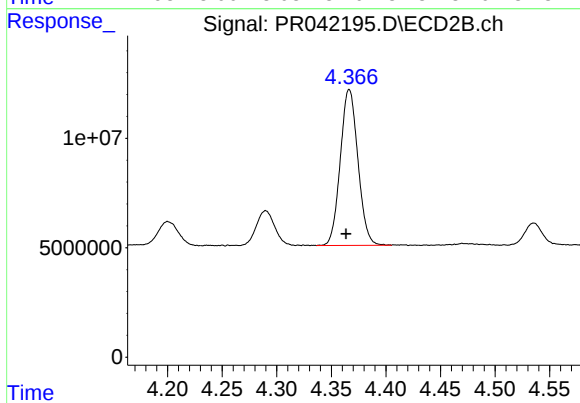
#9 AR-1221-2

R.T.: 4.290 min
Delta R.T.: 0.004 min
Response: 18700791
Conc: 152.17 ng/ml



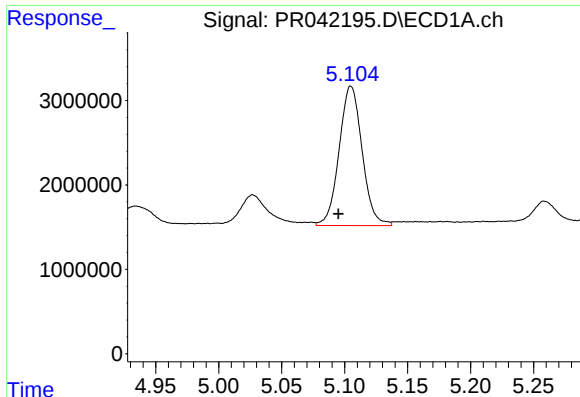
#10 AR-1221-3

R.T.: 5.105 min
Delta R.T.: 0.011 min
Response: 21031972
Conc: 216.17 ng/ml



#10 AR-1221-3

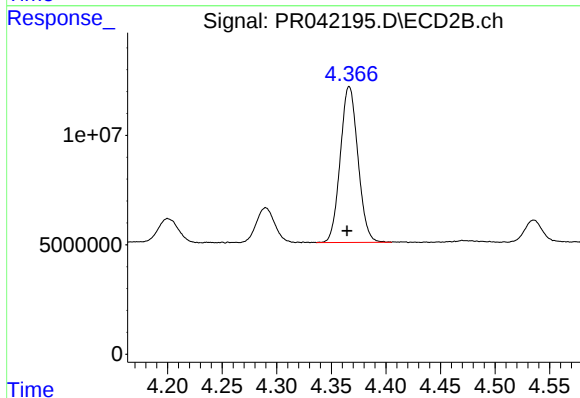
R.T.: 4.366 min
Delta R.T.: 0.003 min
Response: 80194080
Conc: 205.89 ng/ml



#11 AR-1232-1

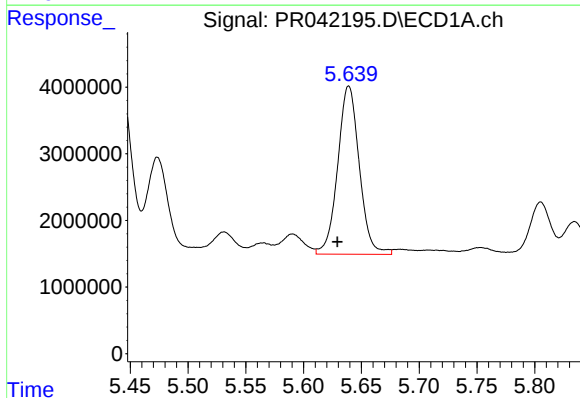
R.T.: 5.105 min
Delta R.T.: 0.010 min
Response: 21031972
Conc: 251.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660379



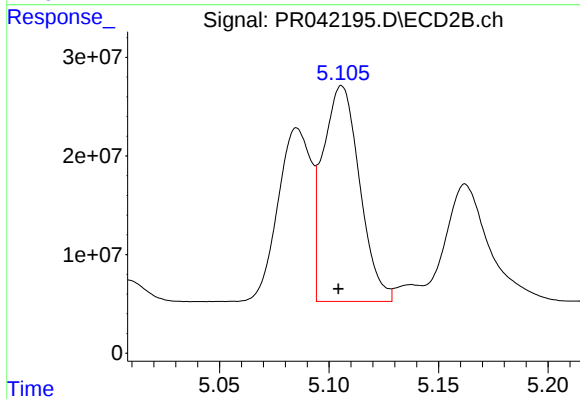
#11 AR-1232-1

R.T.: 4.366 min
Delta R.T.: 0.002 min
Response: 80194080
Conc: 235.36 ng/ml



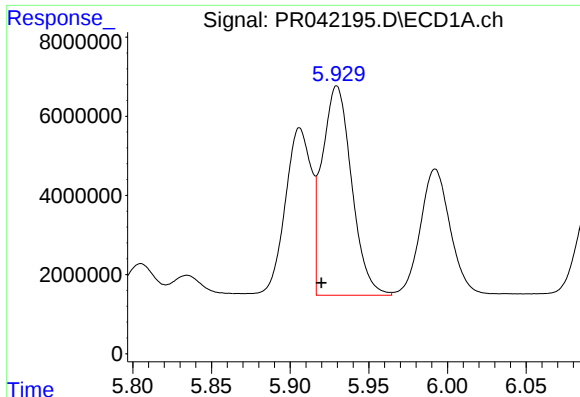
#12 AR-1232-2

R.T.: 5.639 min
Delta R.T.: 0.010 min
Response: 32859293
Conc: 762.77 ng/ml



#12 AR-1232-2

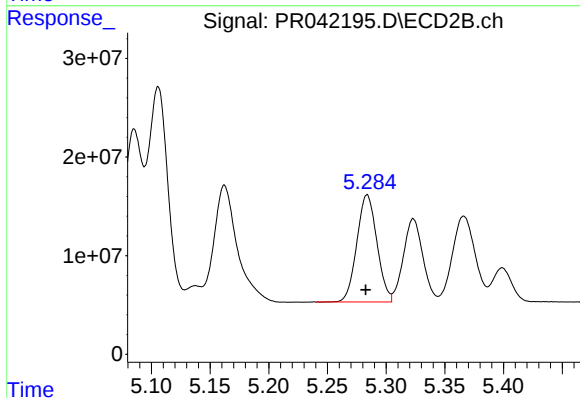
R.T.: 5.106 min
Delta R.T.: 0.002 min
Response: 255085082
Conc: 749.09 ng/ml



#13 AR-1232-3

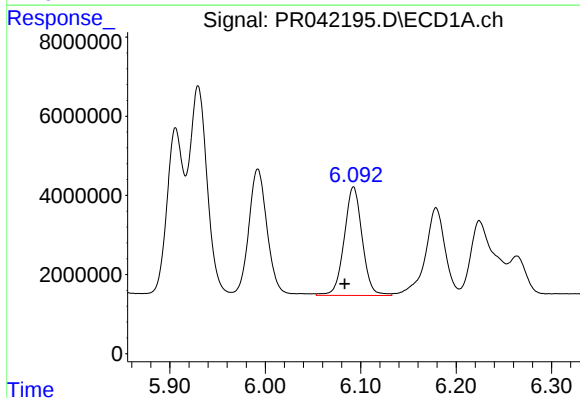
R.T.: 5.930 min
Delta R.T.: 0.010 min
Response: 68970091
Conc: 767.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660379



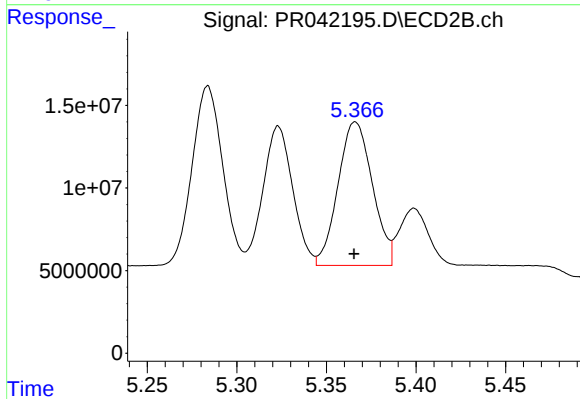
#13 AR-1232-3

R.T.: 5.284 min
Delta R.T.: 0.001 min
Response: 129487057
Conc: 768.87 ng/ml



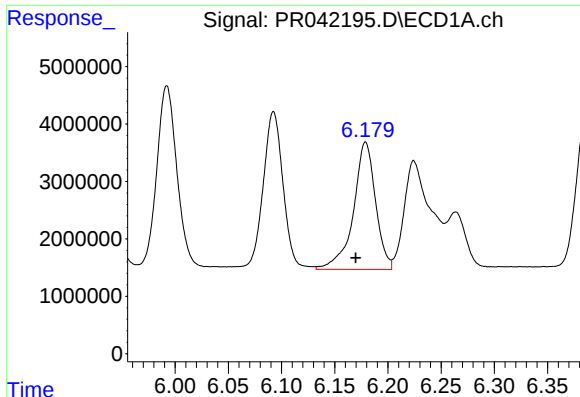
#14 AR-1232-4

R.T.: 6.092 min
Delta R.T.: 0.009 min
Response: 36048077
Conc: 810.00 ng/ml



#14 AR-1232-4

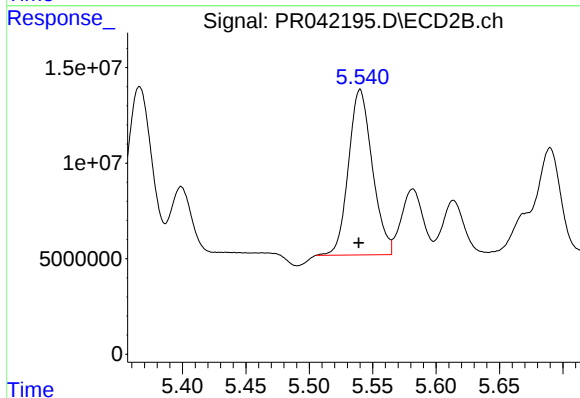
R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 116268012
Conc: 816.27 ng/ml



#15 AR-1232-5

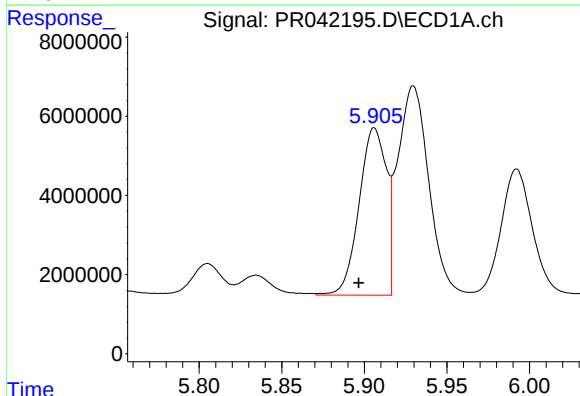
R.T.: 6.179 min
Delta R.T.: 0.009 min
Response: 32157652
Conc: 978.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660379



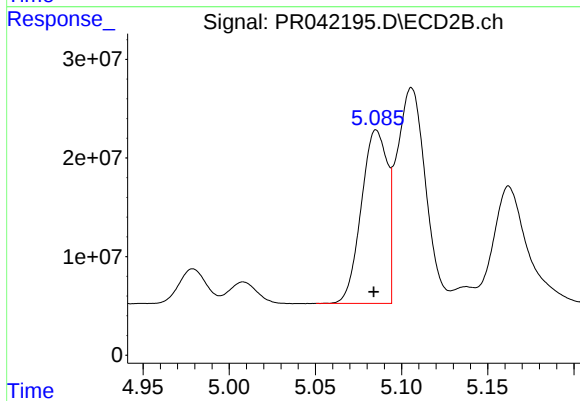
#15 AR-1232-5

R.T.: 5.540 min
Delta R.T.: 0.001 min
Response: 113373412
Conc: 841.36 ng/ml



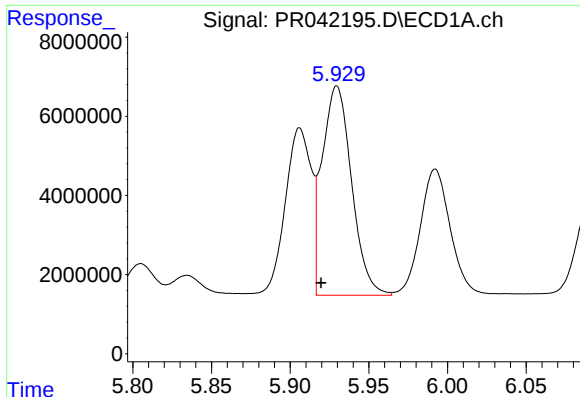
#16 AR-1242-1

R.T.: 5.906 min
Delta R.T.: 0.010 min
Response: 48809134
Conc: 442.61 ng/ml



#16 AR-1242-1

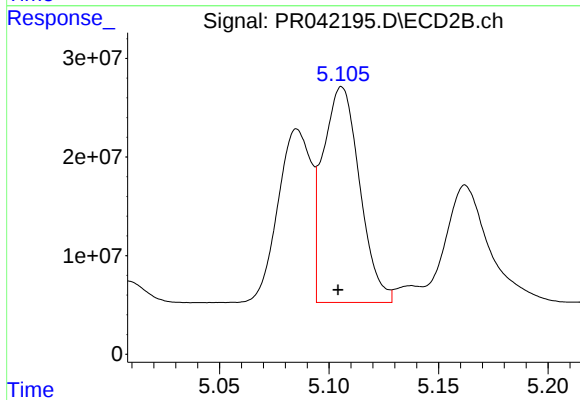
R.T.: 5.085 min
Delta R.T.: 0.001 min
Response: 185150163
Conc: 435.96 ng/ml



#17 AR-1242-2

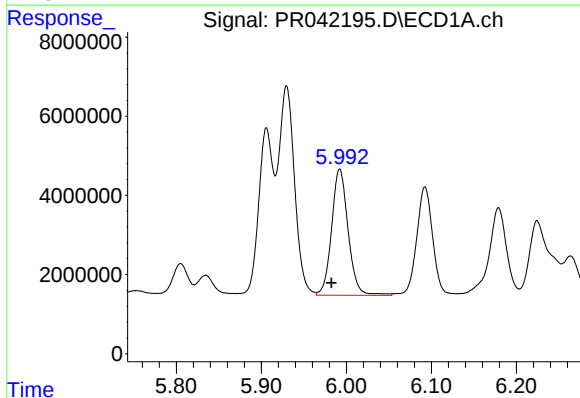
R.T.: 5.930 min
Delta R.T.: 0.010 min
Response: 68970091
Conc: 444.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660379



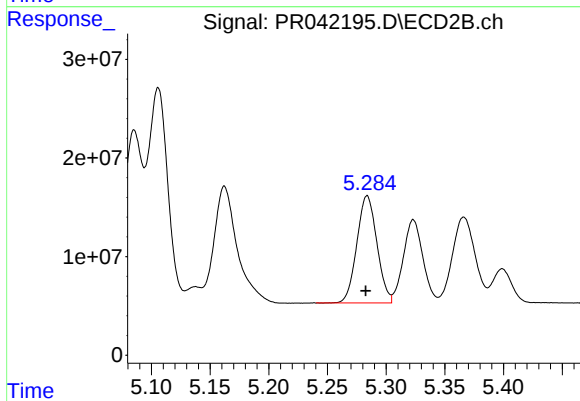
#17 AR-1242-2

R.T.: 5.106 min
Delta R.T.: 0.002 min
Response: 255085082
Conc: 448.22 ng/ml



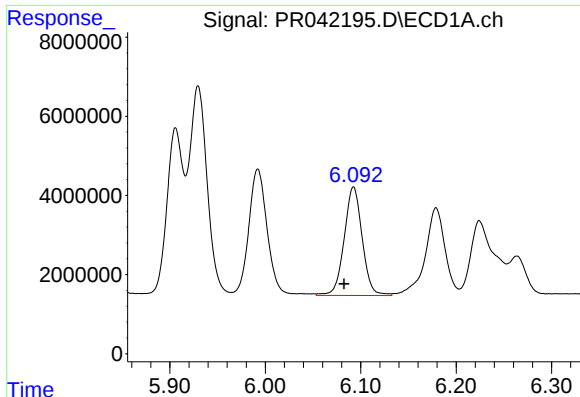
#18 AR-1242-3

R.T.: 5.992 min
Delta R.T.: 0.010 min
Response: 43089103
Conc: 459.23 ng/ml



#18 AR-1242-3

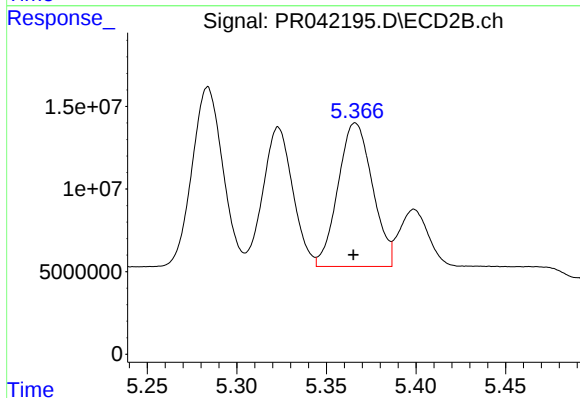
R.T.: 5.284 min
Delta R.T.: 0.001 min
Response: 129487057
Conc: 448.66 ng/ml



#19 AR-1242-4

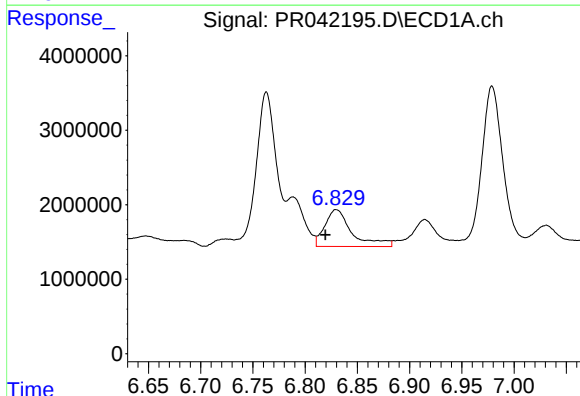
R.T.: 6.092 min
Delta R.T.: 0.010 min
Response: 36048077
Conc: 464.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660379



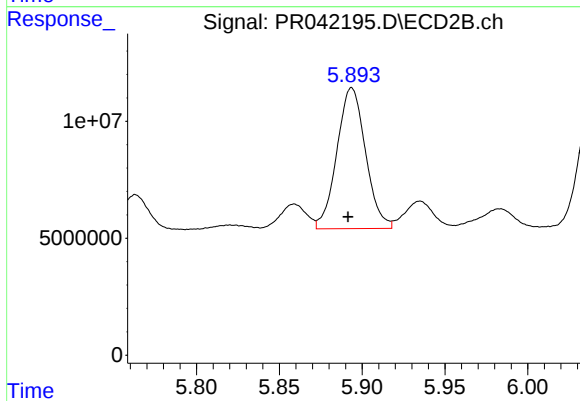
#19 AR-1242-4

R.T.: 5.366 min
Delta R.T.: 0.001 min
Response: 116268012
Conc: 446.63 ng/ml



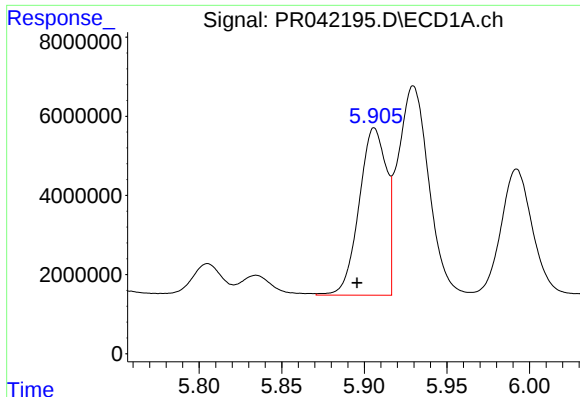
#20 AR-1242-5

R.T.: 6.830 min
Delta R.T.: 0.010 min
Response: 8904182
Conc: 101.73 ng/ml



#20 AR-1242-5

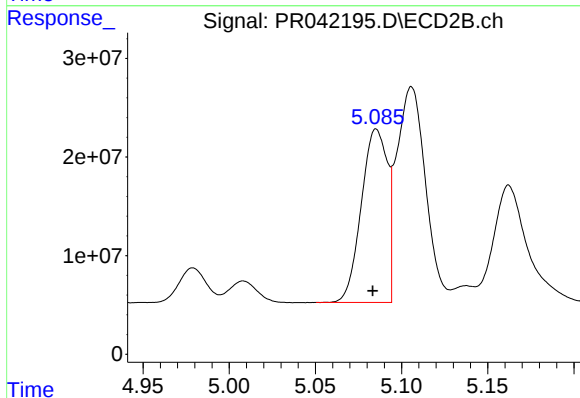
R.T.: 5.894 min
Delta R.T.: 0.002 min
Response: 72505304
Conc: 273.30 ng/ml



#21 AR-1248-1

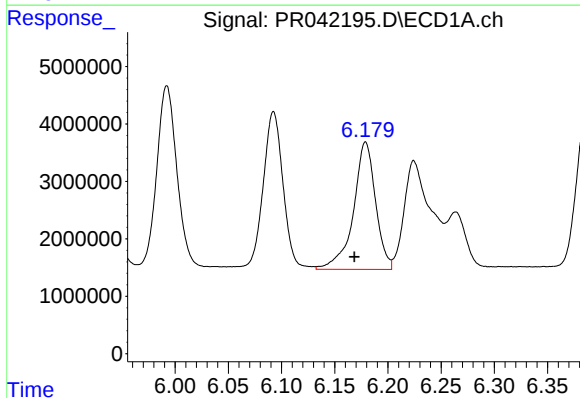
R.T.: 5.906 min
Delta R.T.: 0.010 min
Response: 48809134
Conc: 586.56 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660379



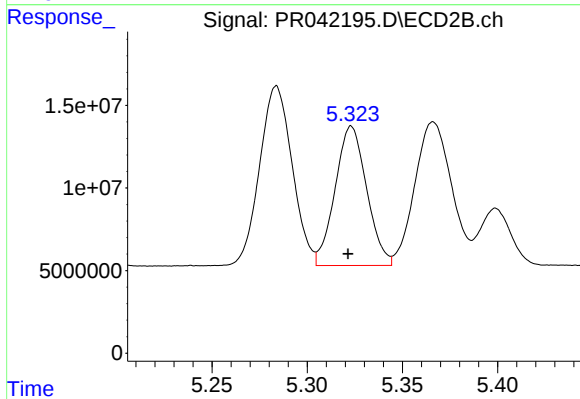
#21 AR-1248-1

R.T.: 5.085 min
Delta R.T.: 0.002 min
Response: 185150163
Conc: 568.05 ng/ml



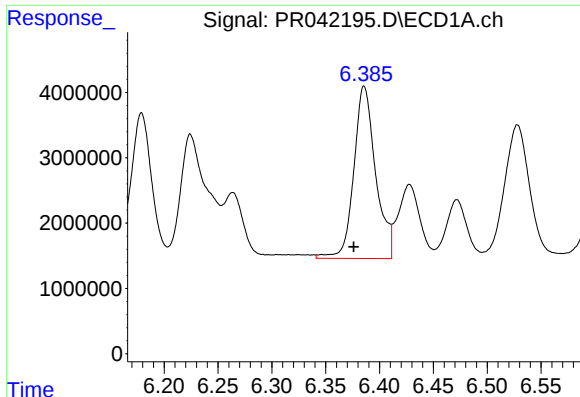
#22 AR-1248-2

R.T.: 6.179 min
Delta R.T.: 0.010 min
Response: 32157652
Conc: 280.23 ng/ml



#22 AR-1248-2

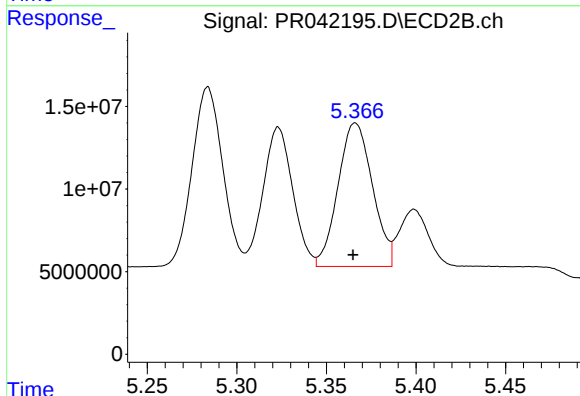
R.T.: 5.323 min
Delta R.T.: 0.002 min
Response: 97522699
Conc: 261.83 ng/ml



#23 AR-1248-3

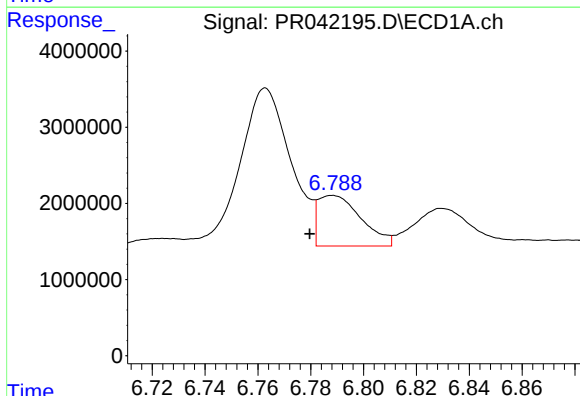
R.T.: 6.386 min
Delta R.T.: 0.010 min
Response: 37221676
Conc: 287.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660379



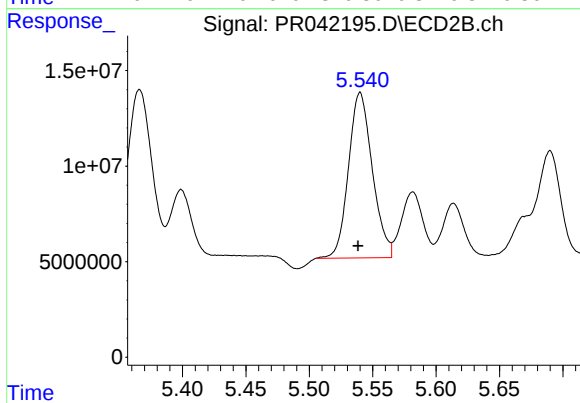
#23 AR-1248-3

R.T.: 5.366 min
Delta R.T.: 0.001 min
Response: 116268012
Conc: 310.61 ng/ml



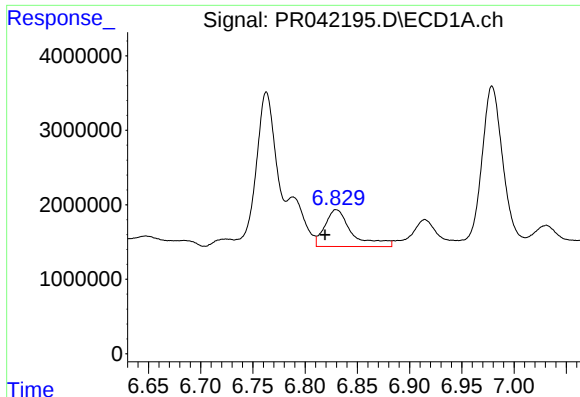
#24 AR-1248-4

R.T.: 6.788 min
Delta R.T.: 0.009 min
Response: 7518130
Conc: 49.00 ng/ml



#24 AR-1248-4

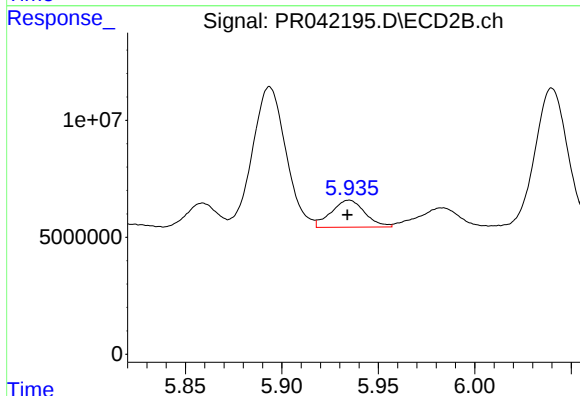
R.T.: 5.540 min
Delta R.T.: 0.002 min
Response: 113373412
Conc: 284.66 ng/ml



#25 AR-1248-5

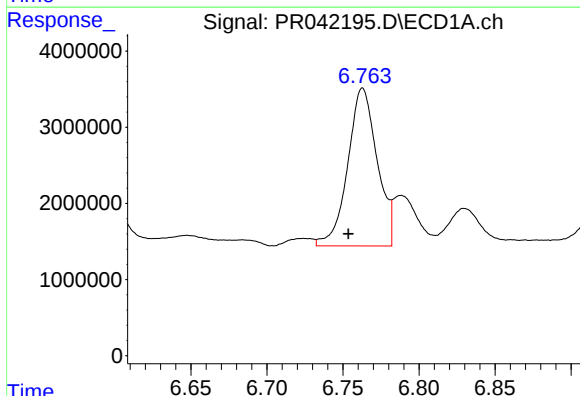
R.T.: 6.830 min
Delta R.T.: 0.011 min
Response: 8904182
Conc: 61.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660379



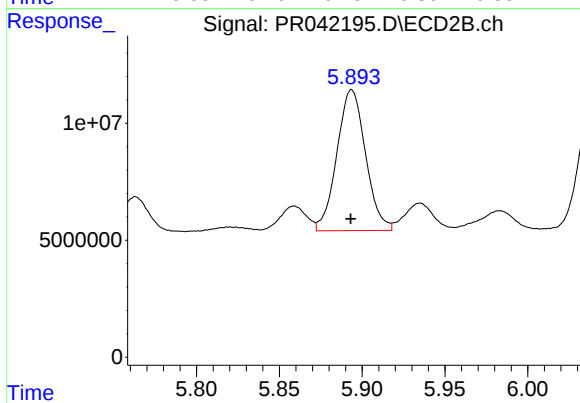
#25 AR-1248-5

R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 14092546
Conc: 40.35 ng/ml



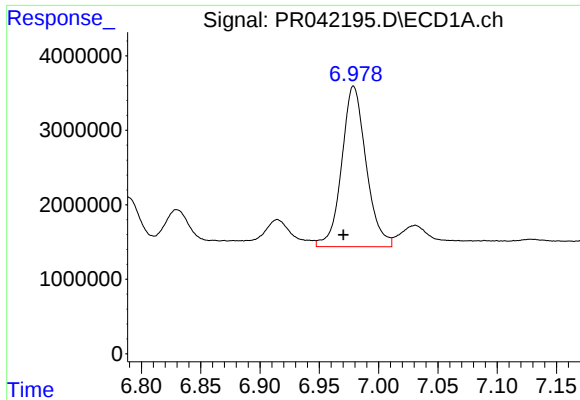
#26 AR-1254-1

R.T.: 6.763 min
Delta R.T.: 0.009 min
Response: 27829649
Conc: 170.41 ng/ml



#26 AR-1254-1

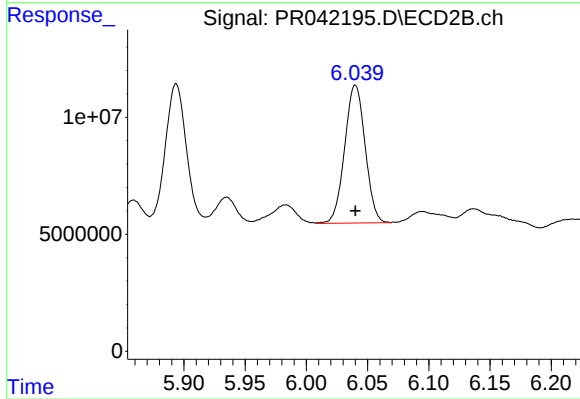
R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 72505304
Conc: 136.87 ng/ml



#27 AR-1254-2

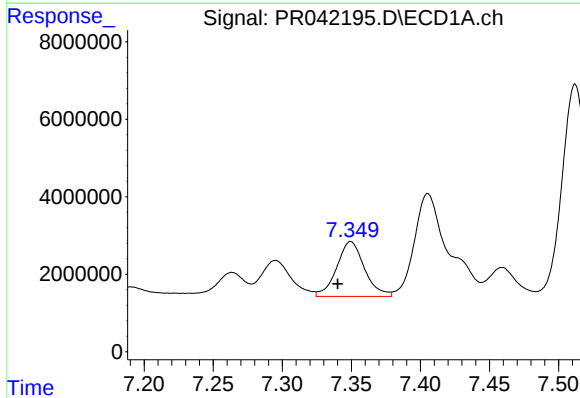
R.T.: 6.979 min
Delta R.T.: 0.009 min
Response: 30879627
Conc: 124.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660379



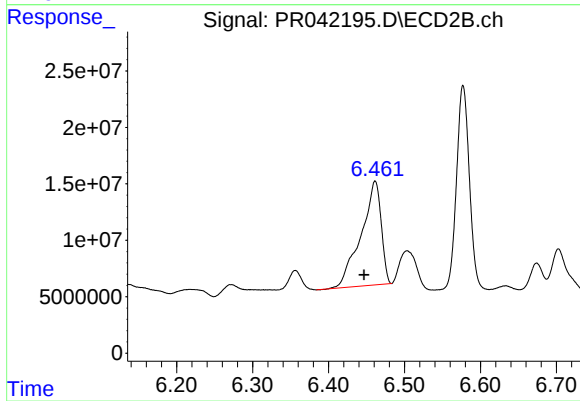
#27 AR-1254-2

R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 68611261
Conc: 136.85 ng/ml



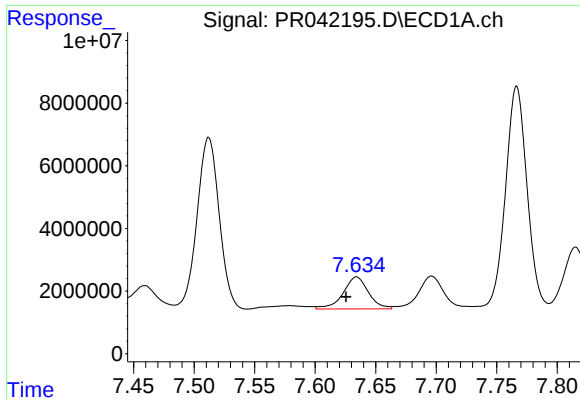
#28 AR-1254-3

R.T.: 7.350 min
Delta R.T.: 0.009 min
Response: 19791420
Conc: 73.34 ng/ml



#28 AR-1254-3

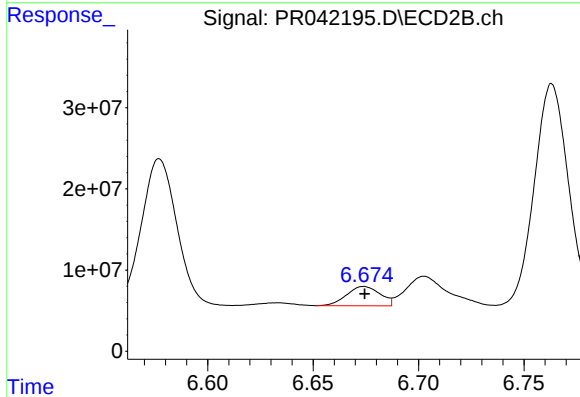
R.T.: 6.461 min
Delta R.T.: 0.014 min
Response: 169193985
Conc: 179.34 ng/ml



#29 AR-1254-4

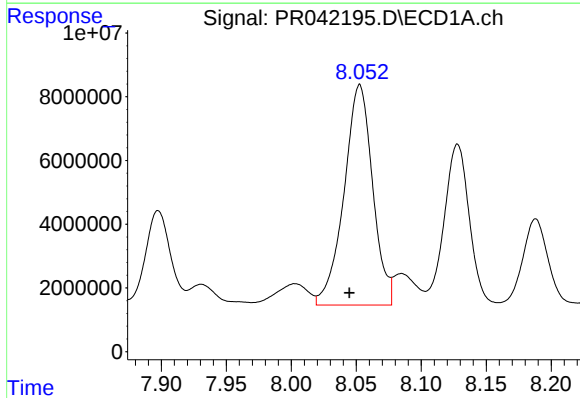
R.T.: 7.634 min
Delta R.T.: 0.009 min
Response: 14887607
Conc: 73.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660379



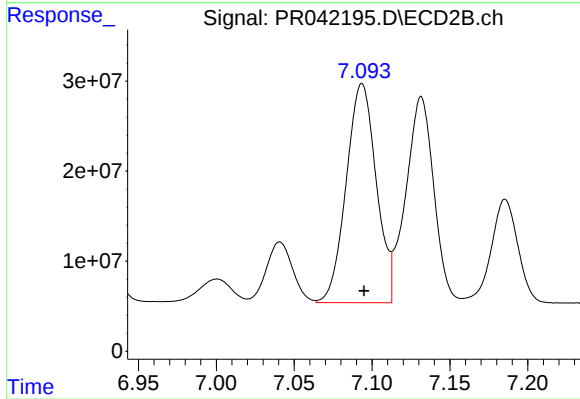
#29 AR-1254-4

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 26363965
Conc: 39.82 ng/ml



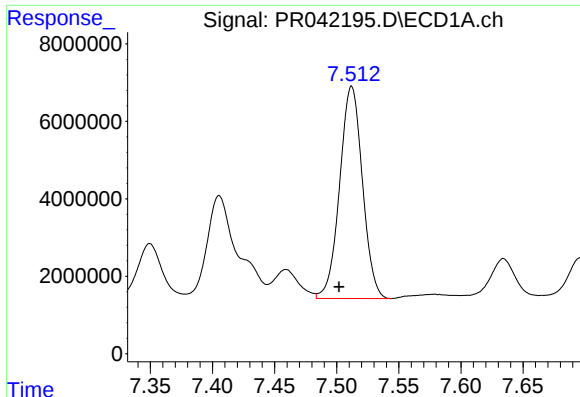
#30 AR-1254-5

R.T.: 8.053 min
Delta R.T.: 0.008 min
Response: 106107991
Conc: 498.97 ng/ml



#30 AR-1254-5

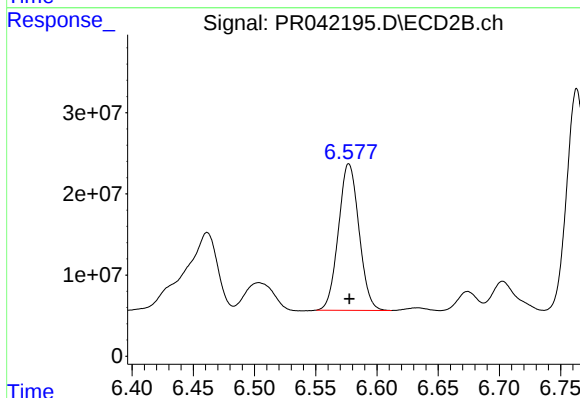
R.T.: 7.094 min
Delta R.T.: -0.001 min
Response: 327029362
Conc: 380.87 ng/ml



#31 AR-1260-1

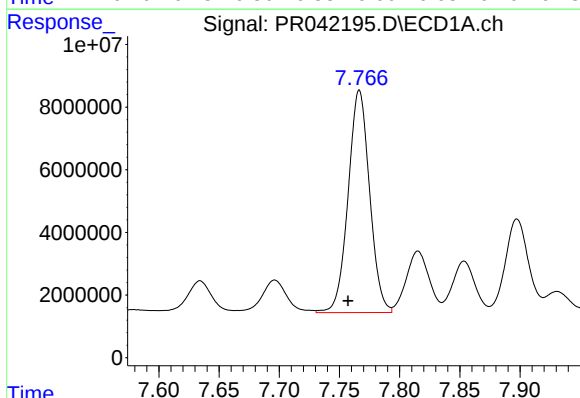
R.T.: 7.512 min
Delta R.T.: 0.010 min
Response: 69976442
Conc: 369.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660379



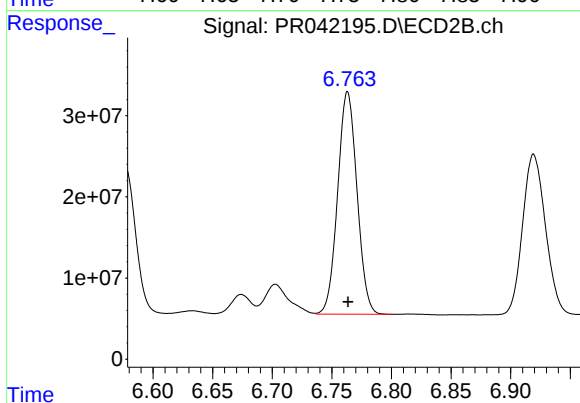
#31 AR-1260-1

R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 211336247
Conc: 356.52 ng/ml



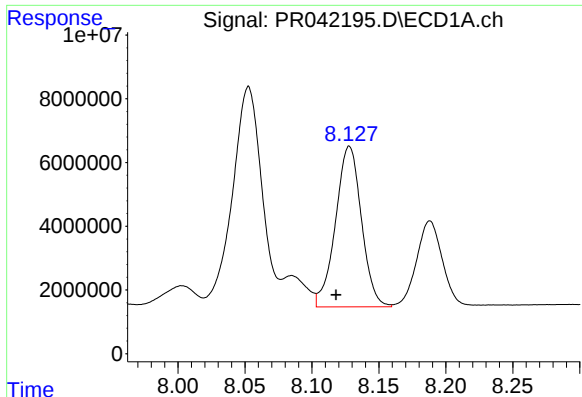
#32 AR-1260-2

R.T.: 7.767 min
Delta R.T.: 0.009 min
Response: 88140596
Conc: 372.91 ng/ml



#32 AR-1260-2

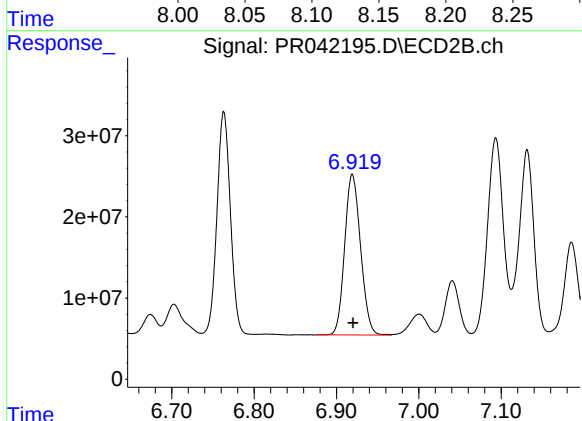
R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 309783615
Conc: 379.97 ng/ml



#33 AR-1260-3

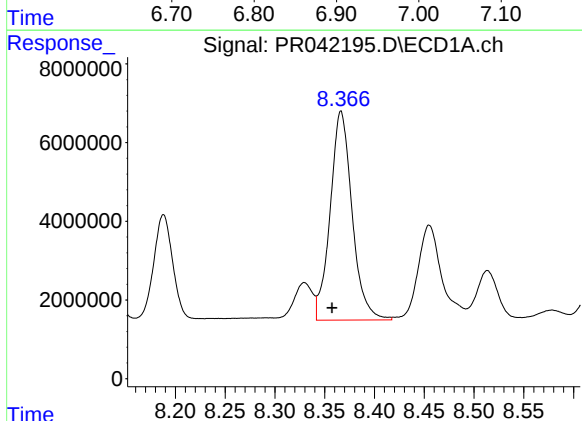
R.T.: 8.128 min
Delta R.T.: 0.010 min
Response: 67994911
Conc: 362.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660379



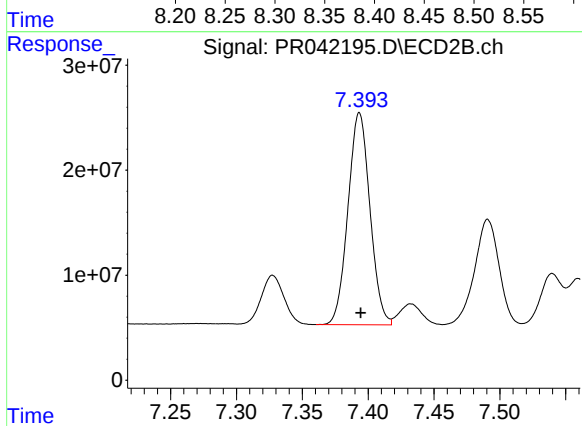
#33 AR-1260-3

R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 265511319
Conc: 384.07 ng/ml



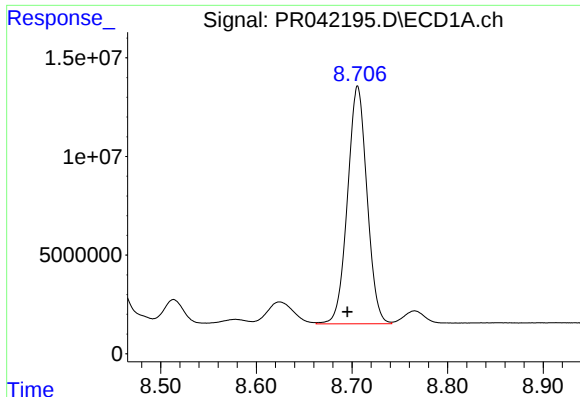
#34 AR-1260-4

R.T.: 8.366 min
Delta R.T.: 0.009 min
Response: 81541214
Conc: 405.75 ng/ml



#34 AR-1260-4

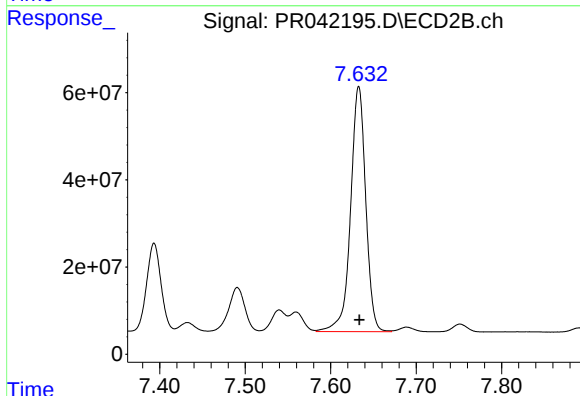
R.T.: 7.393 min
Delta R.T.: -0.001 min
Response: 234755860
Conc: 404.55 ng/ml



#35 AR-1260-5

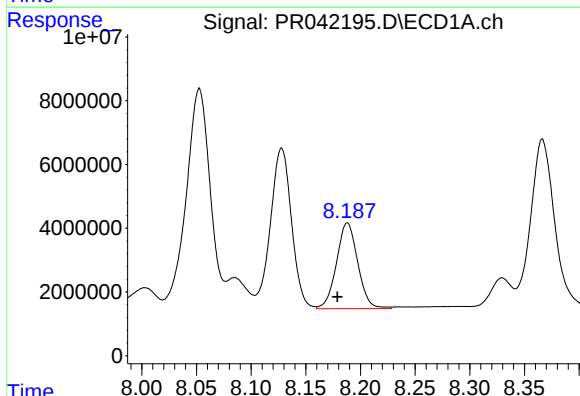
R.T.: 8.706 min
Delta R.T.: 0.011 min
Response: 171320060
Conc: 395.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660379



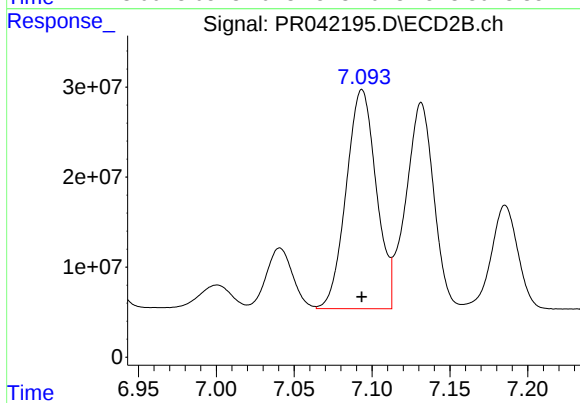
#35 AR-1260-5

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 692433926
Conc: 425.89 ng/ml



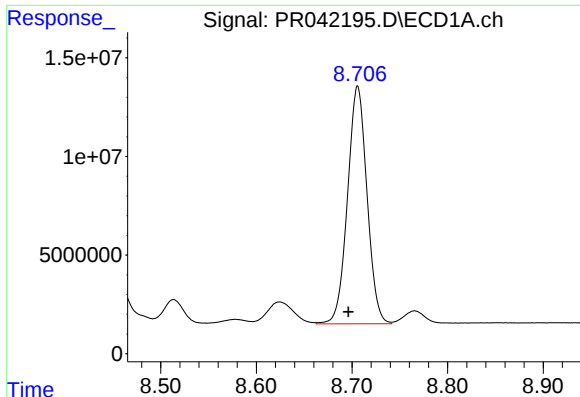
#36 AR-1262-1

R.T.: 8.188 min
Delta R.T.: 0.009 min
Response: 36531773
Conc: 388.10 ng/ml



#36 AR-1262-1

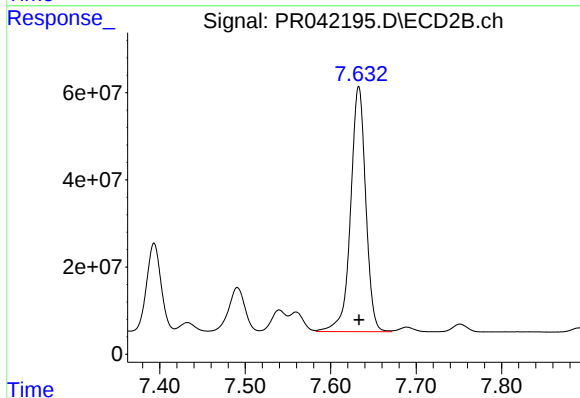
R.T.: 7.094 min
Delta R.T.: 0.000 min
Response: 327029362
Conc: 750.44 ng/ml



#37 AR-1262-2

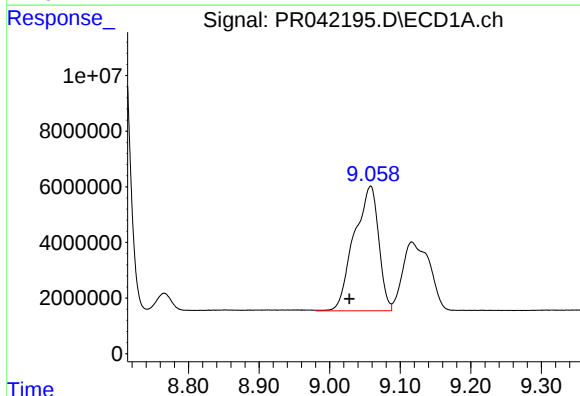
R.T.: 8.706 min
Delta R.T.: 0.010 min
Response: 171320060
Conc: 397.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660379



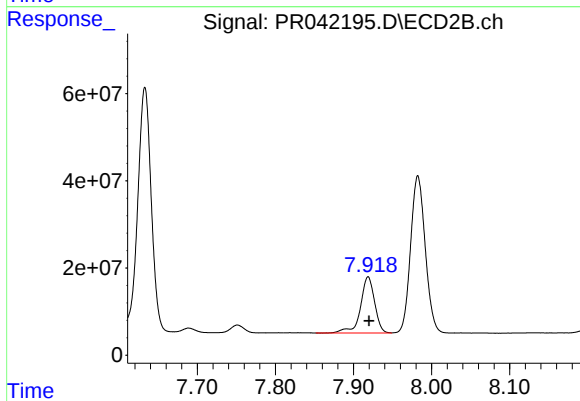
#37 AR-1262-2

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 692433926
Conc: 402.23 ng/ml



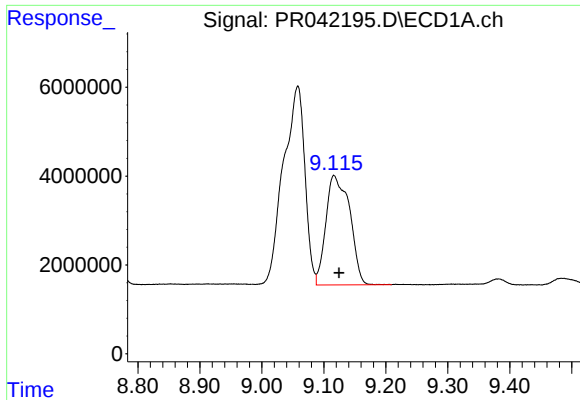
#38 AR-1262-3

R.T.: 9.058 min
Delta R.T.: 0.030 min
Response: 108469662
Conc: 389.14 ng/ml



#38 AR-1262-3

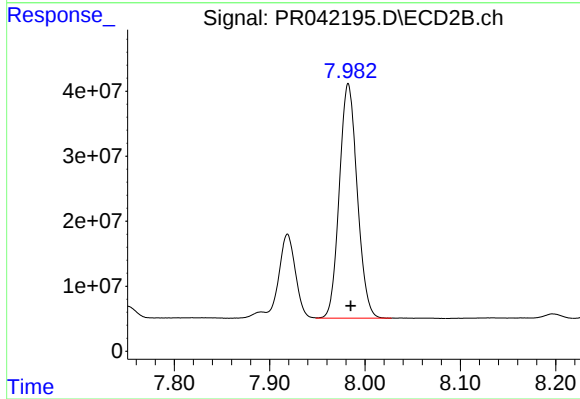
R.T.: 7.919 min
Delta R.T.: -0.001 min
Response: 162306903
Conc: 248.66 ng/ml



#39 AR-1262-4

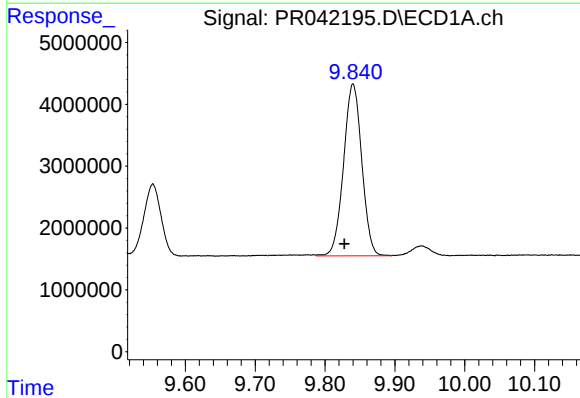
R.T.: 9.116 min
Delta R.T.: -0.008 min
Response: 65848626
Conc: 321.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660379



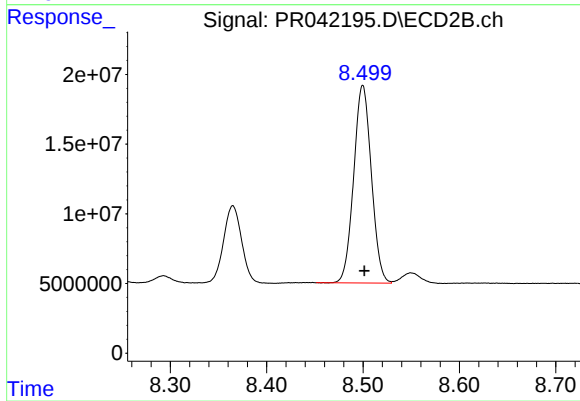
#39 AR-1262-4

R.T.: 7.982 min
Delta R.T.: -0.003 min
Response: 470212327
Conc: 402.38 ng/ml



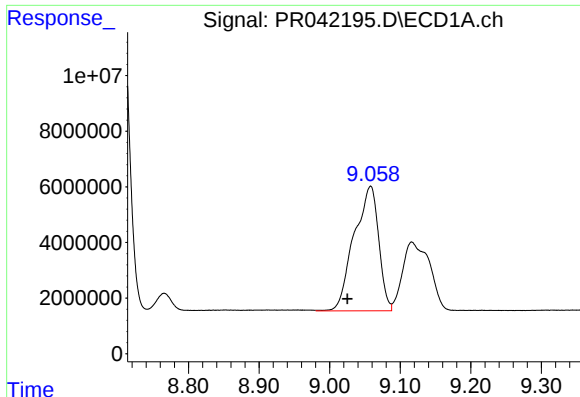
#40 AR-1262-5

R.T.: 9.840 min
Delta R.T.: 0.012 min
Response: 50358205
Conc: 349.11 ng/ml



#40 AR-1262-5

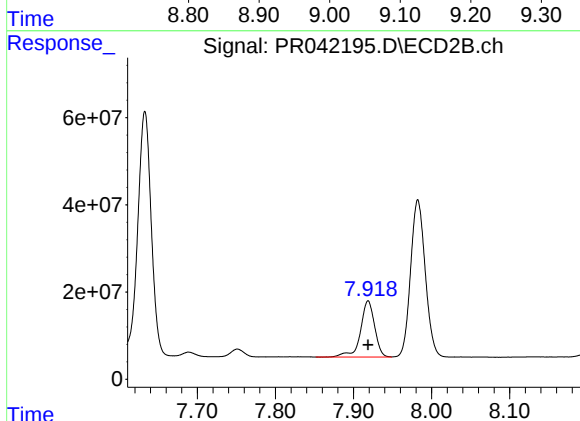
R.T.: 8.500 min
Delta R.T.: -0.002 min
Response: 180604378
Conc: 337.64 ng/ml



#41 AR-1268-1

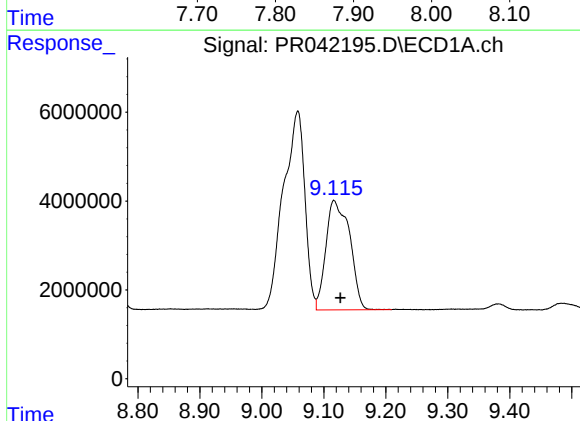
R.T.: 9.058 min
Delta R.T.: 0.033 min
Response: 108469662
Conc: 197.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660379



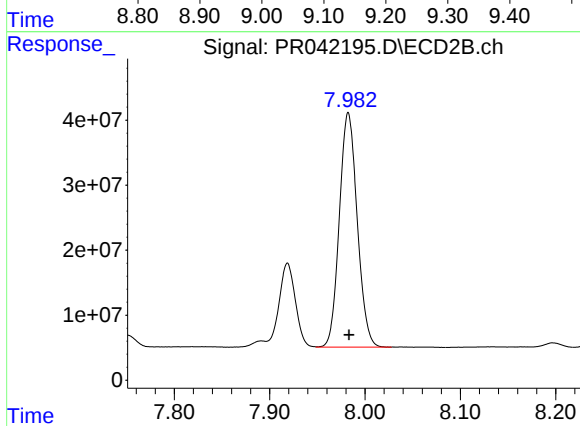
#41 AR-1268-1

R.T.: 7.919 min
Delta R.T.: 0.000 min
Response: 162306903
Conc: 74.02 ng/ml



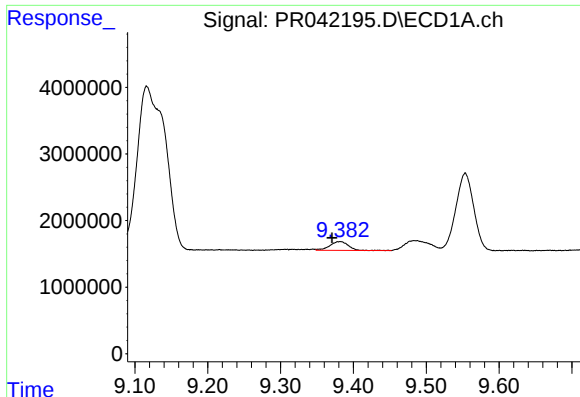
#42 AR-1268-2

R.T.: 9.116 min
Delta R.T.: -0.011 min
Response: 65848626
Conc: 132.45 ng/ml



#42 AR-1268-2

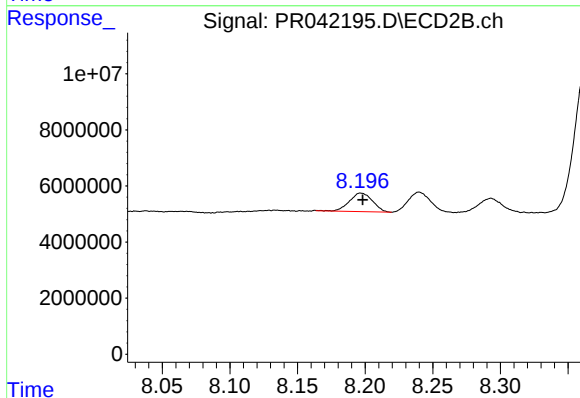
R.T.: 7.982 min
Delta R.T.: -0.001 min
Response: 470212327
Conc: 236.31 ng/ml



#43 AR-1268-3

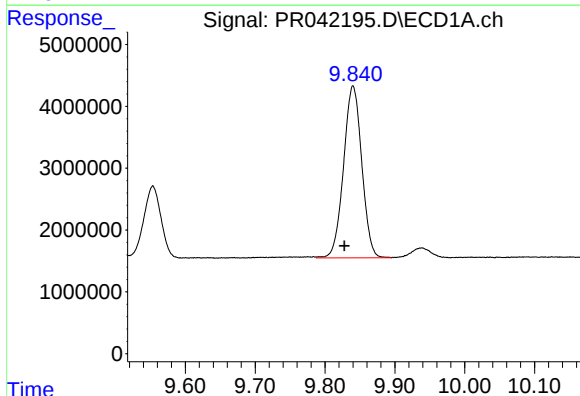
R.T.: 9.382 min
Delta R.T.: 0.011 min
Response: 2348289
Conc: 5.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660379



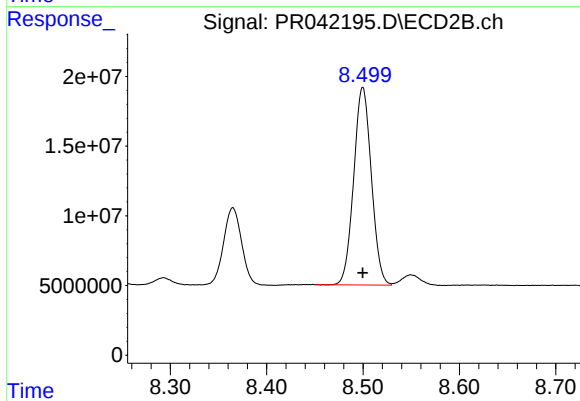
#43 AR-1268-3

R.T.: 8.197 min
Delta R.T.: -0.001 min
Response: 7841758
Conc: 4.68 ng/ml



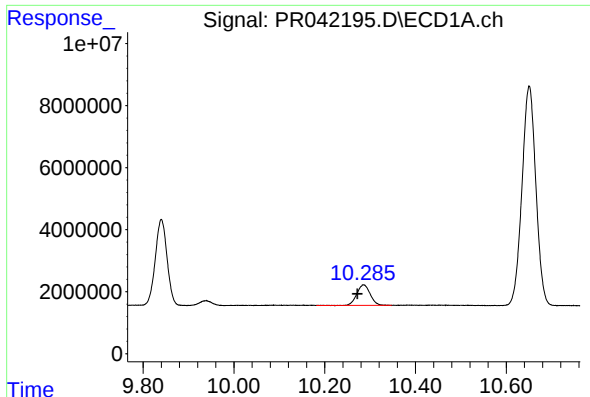
#44 AR-1268-4

R.T.: 9.840 min
Delta R.T.: 0.012 min
Response: 50358205
Conc: 287.03 ng/ml



#44 AR-1268-4

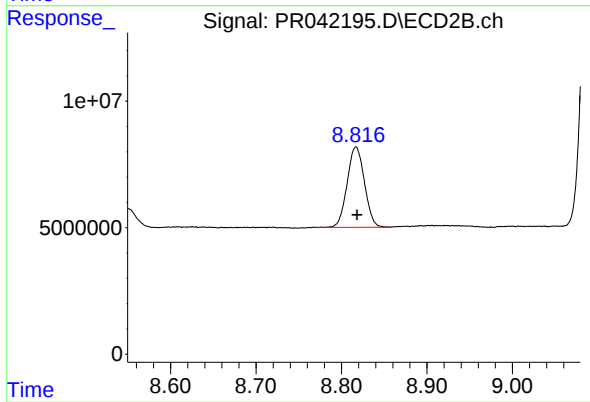
R.T.: 8.500 min
Delta R.T.: 0.000 min
Response: 180604378
Conc: 279.85 ng/ml



#45 AR-1268-5

R.T.: 10.286 min
Delta R.T.: 0.014 min
Response: 13586396
Conc: 10.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660379



#45 AR-1268-5

R.T.: 8.817 min
Delta R.T.: -0.001 min
Response: 44643977
Conc: 9.73 ng/ml