

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121119\
 Data File : PR043702.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2019 10:56
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660363

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 16:25:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 07 03:51:56 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...	4.713	3.961	107.2E6	135.0E6	19.291	17.480
2)	SA Decachlor...	10.625	9.058	164.8E6	356.3E6	43.753	36.004
Target Compounds							
3)	L1 AR-1016-1	5.891	5.057	81589082	147.8E6	421.380	362.422
4)	L1 AR-1016-2	5.914	5.076	116.3E6	207.4E6	424.692	371.229
5)	L1 AR-1016-3	5.977	5.255	72942538	111.4E6	442.920	372.941
6)	L1 AR-1016-4	6.077	5.294	61621740	90496346	447.445	376.226
7)	L1 AR-1016-5	6.371	5.511	60310519	123.3E6	436.467	388.170
8)	L2 AR-1221-1	4.918	4.172	7953237	7438510	138.639	87.248 #
9)	L2 AR-1221-2	5.010	4.261	9418861	10583024	230.478	172.874
10)	L2 AR-1221-3	5.089	4.337	37874250	50429996	275.570	230.833
11)	L3 AR-1232-1	5.089	4.337	37874250	50429996	352.351	298.948
12)	L3 AR-1232-2	5.623	5.076	50366109	207.4E6	910.023	888.626
13)	L3 AR-1232-3	5.914	5.255	116.3E6	111.4E6	1025.497	910.493
14)	L3 AR-1232-4	6.077	5.338	61621740	109.8E6	1060.160	1034.505
15)	L3 AR-1232-5	6.163	5.511	54965160	123.3E6	1231.044	1029.363
16)	L4 AR-1242-1	5.891	5.057	81589082	147.8E6	501.914	446.885
17)	L4 AR-1242-2	5.914	5.076	116.3E6	207.4E6	509.763	453.588
18)	L4 AR-1242-3	5.977	5.255	72942538	111.4E6	530.302	457.169
19)	L4 AR-1242-4	6.077	5.338	61621740	109.8E6	536.832	466.149
20)	L4 AR-1242-5	6.816	5.864	11554147	115.1E6	90.835	337.723 #
21)	L5 AR-1248-1	5.891	5.057	81589082	147.8E6	687.395	603.832
22)	L5 AR-1248-2	6.163	5.294	54965160	90496346	337.370	279.072
23)	L5 AR-1248-3	6.371	5.338	60310519	109.8E6	332.158	333.432
24)	L5 AR-1248-4	6.775	5.511	10837841	123.3E6	51.772	297.289 #
25)	L5 AR-1248-5	6.816	5.906	11554147	29464894	58.197	66.295
26)	L6 AR-1254-1	6.749	5.864	45405125	115.1E6	207.737	161.590
27)	L6 AR-1254-2	6.965	6.011	44216110	117.6E6	131.123	183.881 #
28)	L6 AR-1254-3	7.336	6.433	29216754	239.6E6	83.530	236.671 #
29)	L6 AR-1254-4	7.622	6.646	18851628	30350040	75.442	42.148 #
30)	L6 AR-1254-5	8.040	7.065	159.0E6	356.5E6	617.141	418.533 #
31)	L7 AR-1260-1	7.498	6.548	112.1E6	264.1E6	449.944	389.842
32)	L7 AR-1260-2	7.754	6.736	133.4E6	383.0E6	449.038	395.307
33)	L7 AR-1260-3	8.115	6.891	100.4E6	313.5E6	453.351	401.490
34)	L7 AR-1260-4	8.353	7.364	116.9E6	250.5E6	464.883	394.813
35)	L7 AR-1260-5	8.691	7.605	231.3E6	670.6E6	479.654	393.951
36)	L8 AR-1262-1	8.174	7.065	50190035	356.5E6	377.011	721.028 #
37)	L8 AR-1262-2	8.691	7.605	231.3E6	670.6E6	406.069	352.444
38)	L8 AR-1262-3	9.043	7.890	138.4E6	141.6E6	382.256	185.603 #
39)	L8 AR-1262-4	9.098	7.953	82912373	415.9E6	311.514	335.055
40)	L8 AR-1262-5	9.821	8.469	55519596	142.0E6	294.836	249.110
41)	L9 AR-1268-1	9.043	7.890	138.4E6	141.6E6	216.264	65.971 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121119\
 Data File : PR043702.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2019 10:56
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

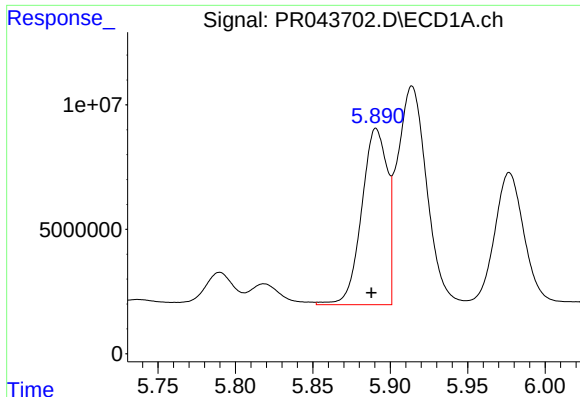
Instrument :
 ECD_R
 ClientSampleId :
 AR1660363

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 16:25:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 07 03:51:56 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	9.098	7.953	82912373	415.9E6	143.902	229.234 #
43) L9	AR-1268-3	9.363	8.166	4688374	13245728	9.959	8.603
44) L9	AR-1268-4	9.821	8.469	55519596	142.0E6	271.730	231.527
45) L9	AR-1268-5	10.265	8.783	15035305	39342235	9.615	9.298

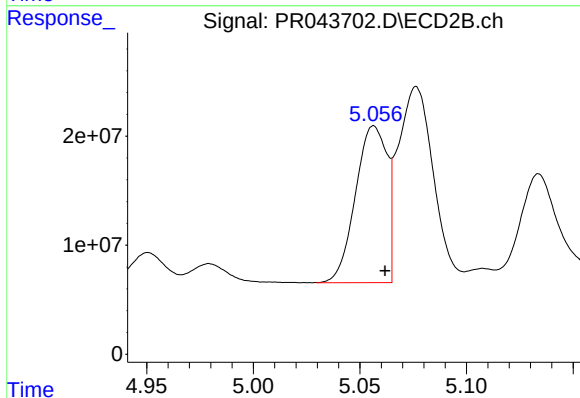
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

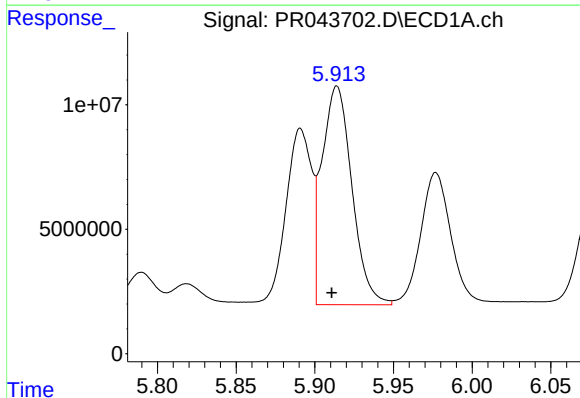
R.T.: 5.891 min
Delta R.T.: 0.003 min
Response: 81589082
Conc: 421.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



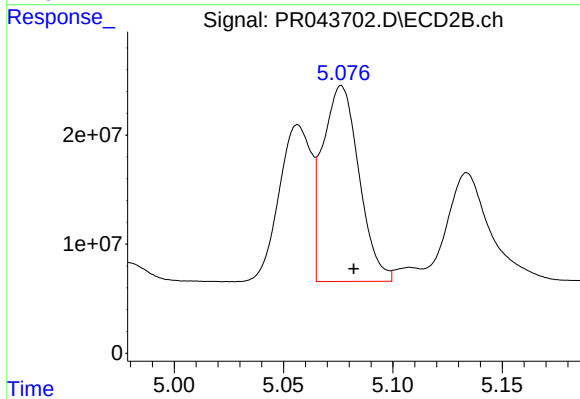
#3 AR-1016-1

R.T.: 5.057 min
Delta R.T.: -0.005 min
Response: 147757643
Conc: 362.42 ng/ml



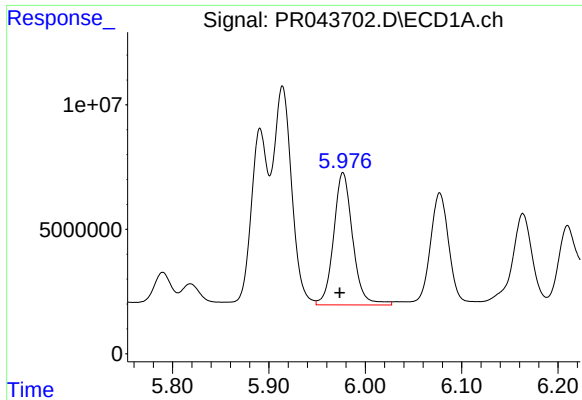
#4 AR-1016-2

R.T.: 5.914 min
Delta R.T.: 0.003 min
Response: 116286175
Conc: 424.69 ng/ml



#4 AR-1016-2

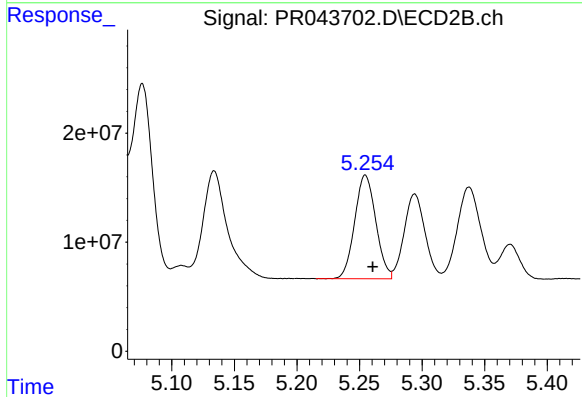
R.T.: 5.076 min
Delta R.T.: -0.006 min
Response: 207356829
Conc: 371.23 ng/ml



#5 AR-1016-3

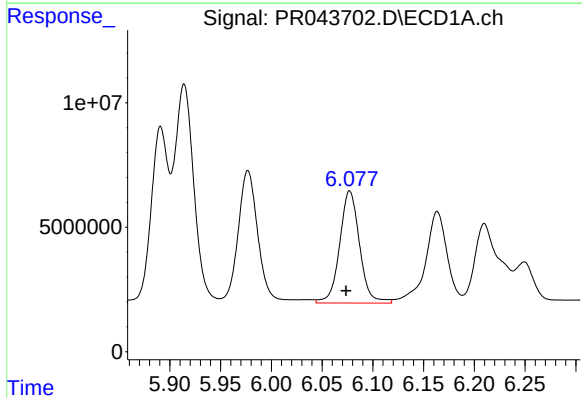
R.T.: 5.977 min
Delta R.T.: 0.003 min
Response: 72942538
Conc: 442.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



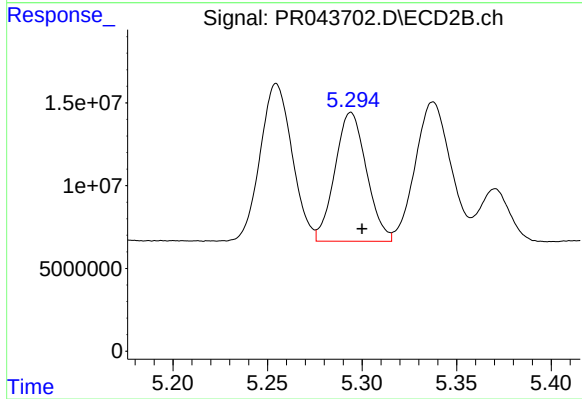
#5 AR-1016-3

R.T.: 5.255 min
Delta R.T.: -0.006 min
Response: 111419235
Conc: 372.94 ng/ml



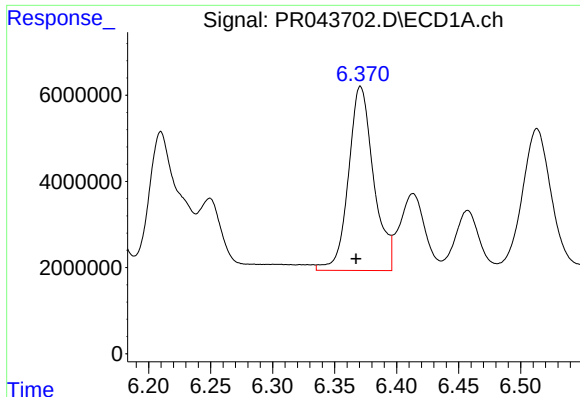
#6 AR-1016-4

R.T.: 6.077 min
Delta R.T.: 0.003 min
Response: 61621740
Conc: 447.45 ng/ml



#6 AR-1016-4

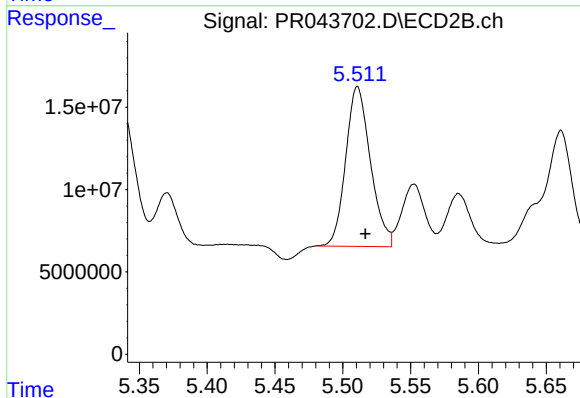
R.T.: 5.294 min
Delta R.T.: -0.006 min
Response: 90496346
Conc: 376.23 ng/ml



#7 AR-1016-5

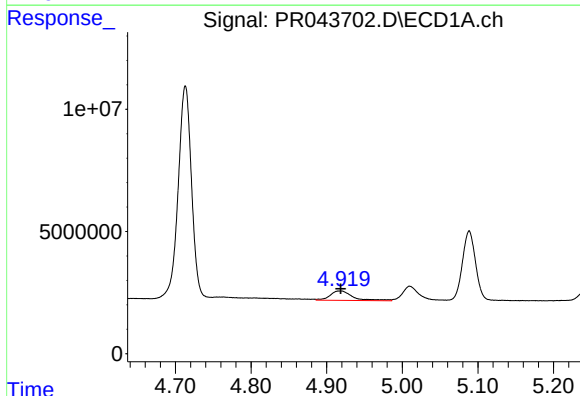
R.T.: 6.371 min
Delta R.T.: 0.004 min
Response: 60310519
Conc: 436.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



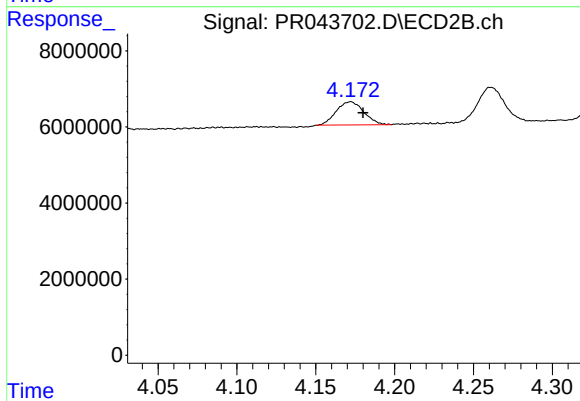
#7 AR-1016-5

R.T.: 5.511 min
Delta R.T.: -0.006 min
Response: 123254774
Conc: 388.17 ng/ml



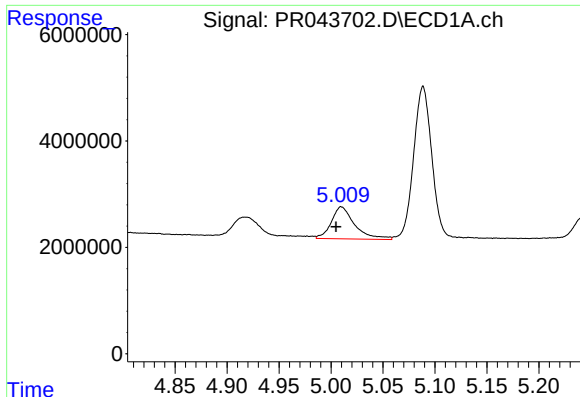
#8 AR-1221-1

R.T.: 4.918 min
Delta R.T.: -0.001 min
Response: 7953237
Conc: 138.64 ng/ml



#8 AR-1221-1

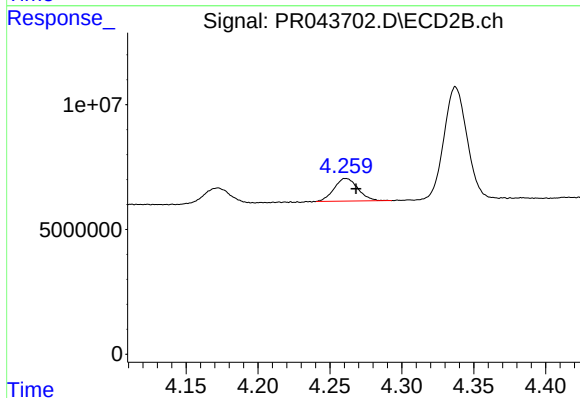
R.T.: 4.172 min
Delta R.T.: -0.008 min
Response: 7438510
Conc: 87.25 ng/ml



#9 AR-1221-2

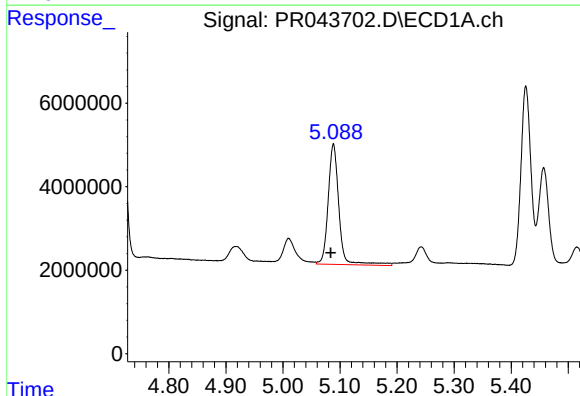
R.T.: 5.010 min
Delta R.T.: 0.005 min
Response: 9418861
Conc: 230.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



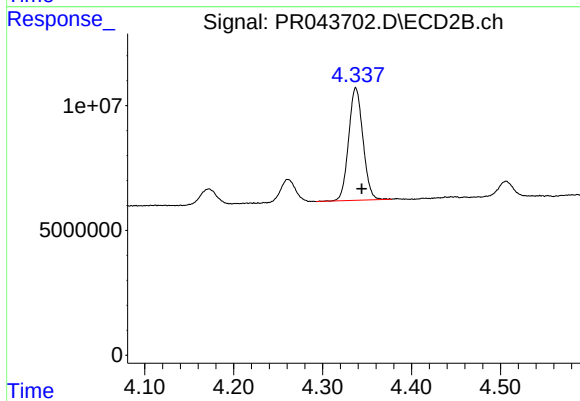
#9 AR-1221-2

R.T.: 4.261 min
Delta R.T.: -0.007 min
Response: 10583024
Conc: 172.87 ng/ml



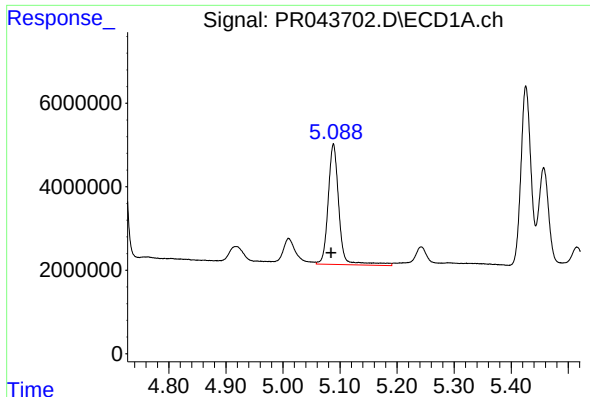
#10 AR-1221-3

R.T.: 5.089 min
Delta R.T.: 0.005 min
Response: 37874250
Conc: 275.57 ng/ml



#10 AR-1221-3

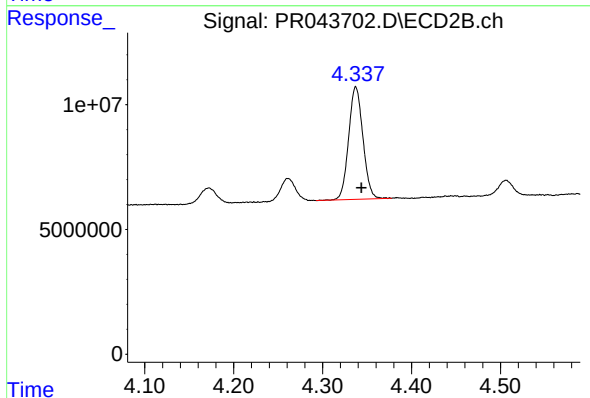
R.T.: 4.337 min
Delta R.T.: -0.007 min
Response: 50429996
Conc: 230.83 ng/ml



#11 AR-1232-1

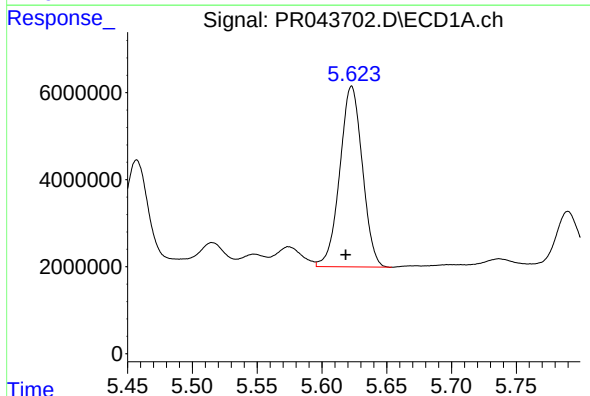
R.T.: 5.089 min
Delta R.T.: 0.004 min
Response: 37874250
Conc: 352.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



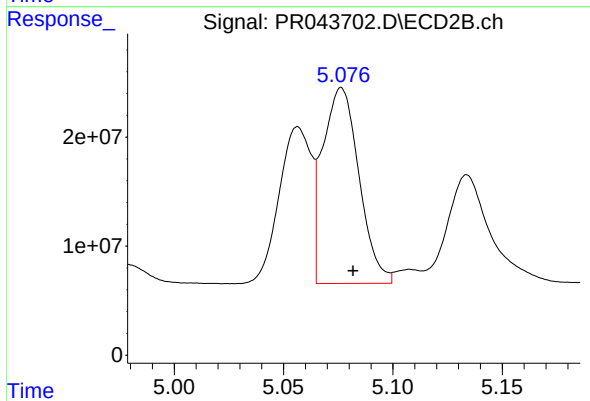
#11 AR-1232-1

R.T.: 4.337 min
Delta R.T.: -0.007 min
Response: 50429996
Conc: 298.95 ng/ml



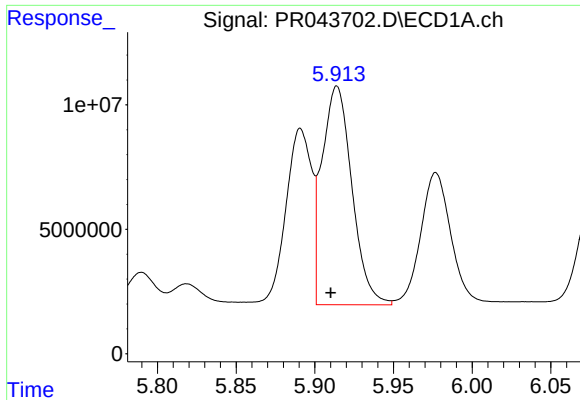
#12 AR-1232-2

R.T.: 5.623 min
Delta R.T.: 0.005 min
Response: 50366109
Conc: 910.02 ng/ml



#12 AR-1232-2

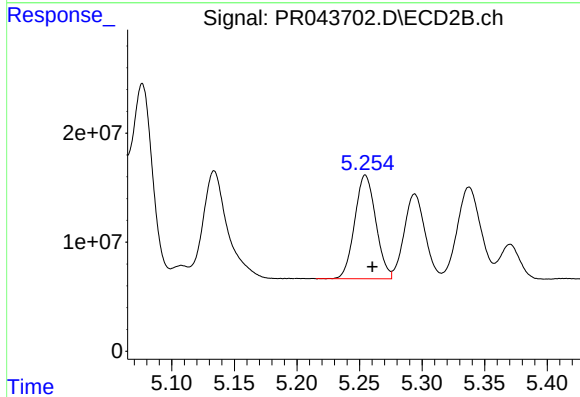
R.T.: 5.076 min
Delta R.T.: -0.005 min
Response: 207356829
Conc: 888.63 ng/ml



#13 AR-1232-3

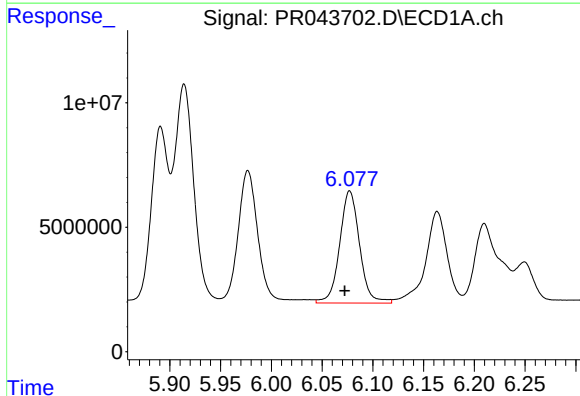
R.T.: 5.914 min
Delta R.T.: 0.004 min
Response: 116286175
Conc: 1025.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



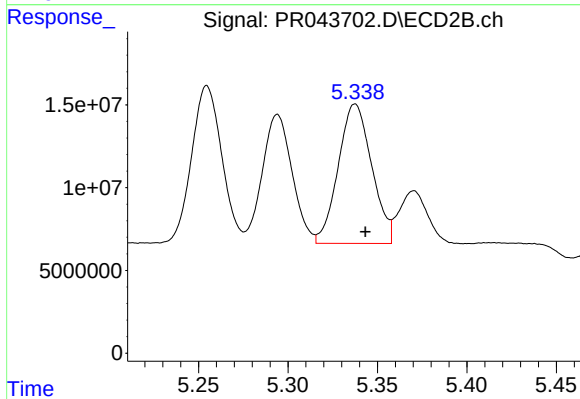
#13 AR-1232-3

R.T.: 5.255 min
Delta R.T.: -0.006 min
Response: 111419235
Conc: 910.49 ng/ml



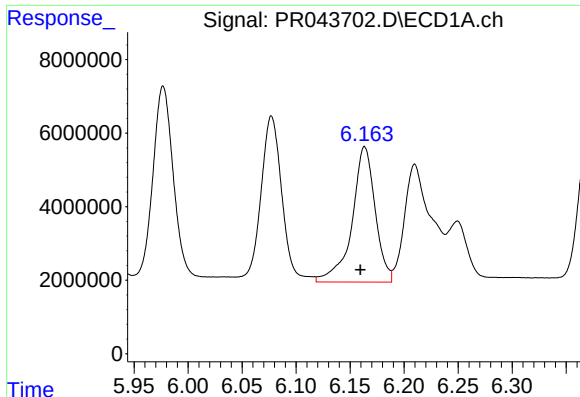
#14 AR-1232-4

R.T.: 6.077 min
Delta R.T.: 0.005 min
Response: 61621740
Conc: 1060.16 ng/ml



#14 AR-1232-4

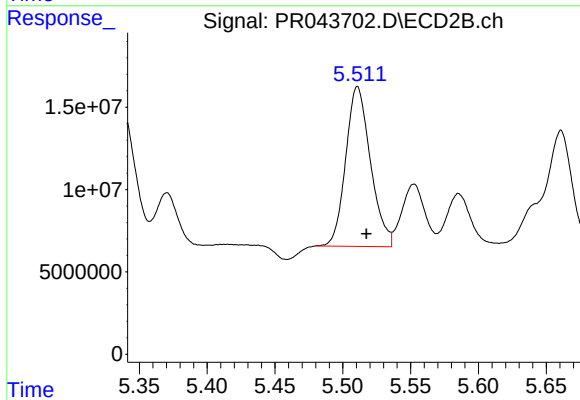
R.T.: 5.338 min
Delta R.T.: -0.006 min
Response: 109813227
Conc: 1034.50 ng/ml



#15 AR-1232-5

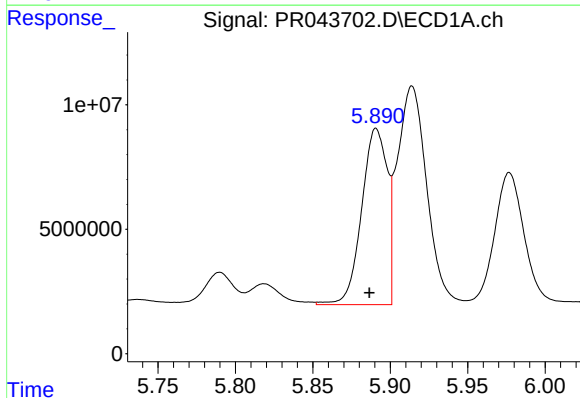
R.T.: 6.163 min
Delta R.T.: 0.004 min
Response: 54965160
Conc: 1231.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



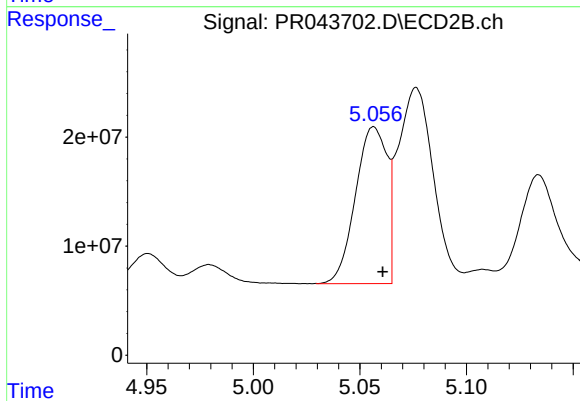
#15 AR-1232-5

R.T.: 5.511 min
Delta R.T.: -0.006 min
Response: 123254774
Conc: 1029.36 ng/ml



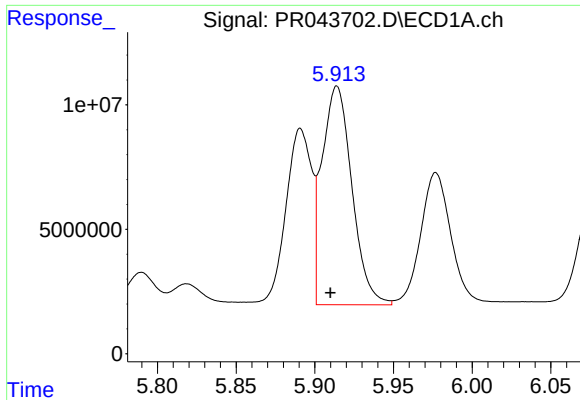
#16 AR-1242-1

R.T.: 5.891 min
Delta R.T.: 0.004 min
Response: 81589082
Conc: 501.91 ng/ml



#16 AR-1242-1

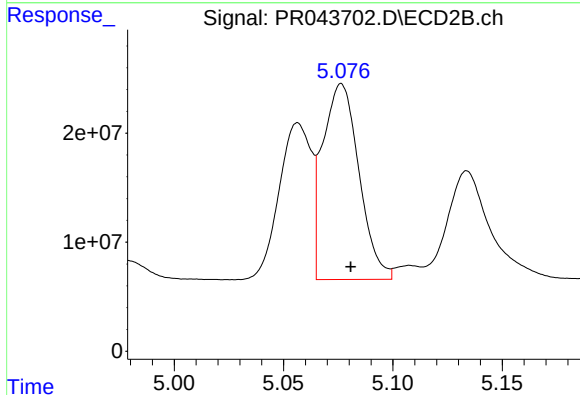
R.T.: 5.057 min
Delta R.T.: -0.004 min
Response: 147757643
Conc: 446.89 ng/ml



#17 AR-1242-2

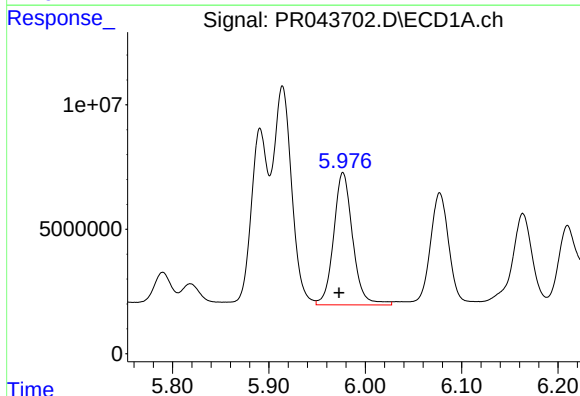
R.T.: 5.914 min
Delta R.T.: 0.004 min
Response: 116286175
Conc: 509.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



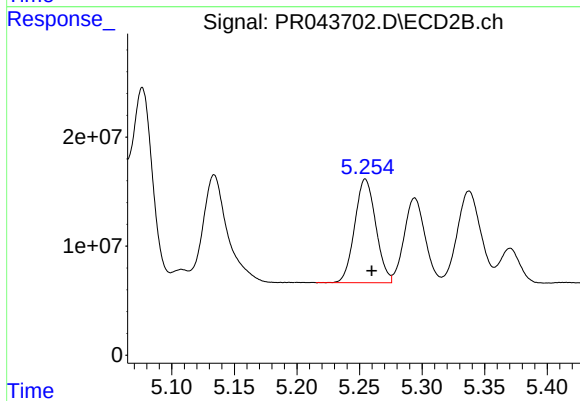
#17 AR-1242-2

R.T.: 5.076 min
Delta R.T.: -0.004 min
Response: 207356829
Conc: 453.59 ng/ml



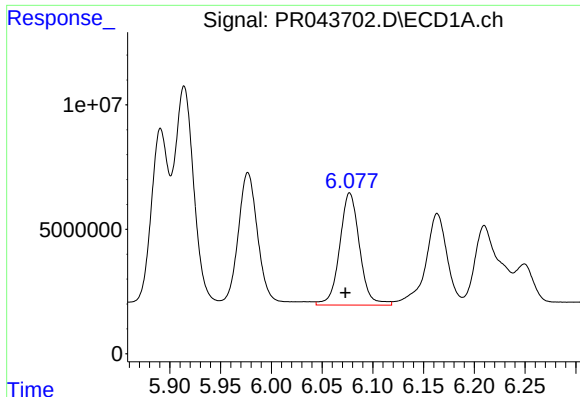
#18 AR-1242-3

R.T.: 5.977 min
Delta R.T.: 0.004 min
Response: 72942538
Conc: 530.30 ng/ml



#18 AR-1242-3

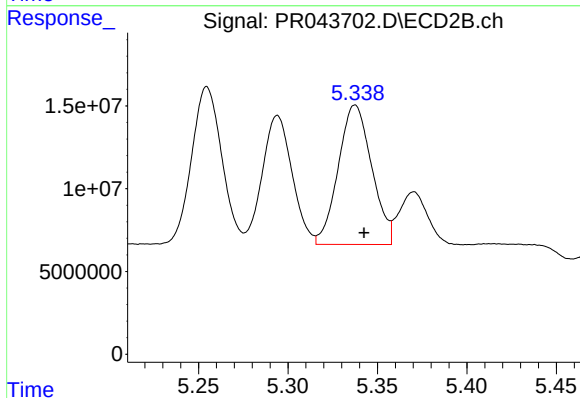
R.T.: 5.255 min
Delta R.T.: -0.005 min
Response: 111419235
Conc: 457.17 ng/ml



#19 AR-1242-4

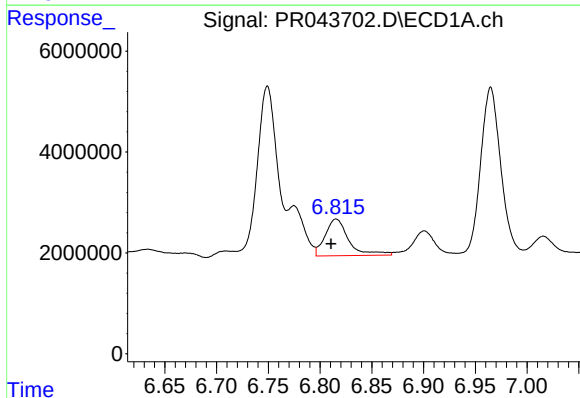
R.T.: 6.077 min
Delta R.T.: 0.004 min
Response: 61621740
Conc: 536.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



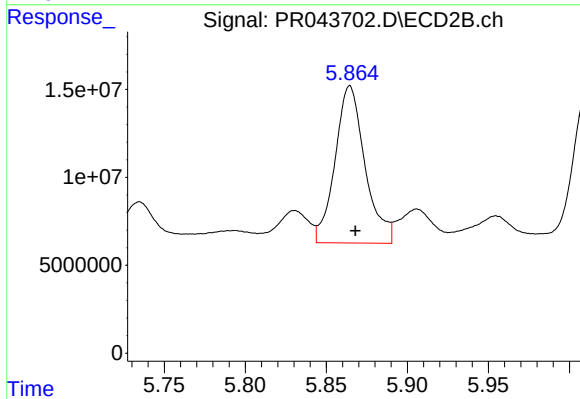
#19 AR-1242-4

R.T.: 5.338 min
Delta R.T.: -0.005 min
Response: 109813227
Conc: 466.15 ng/ml



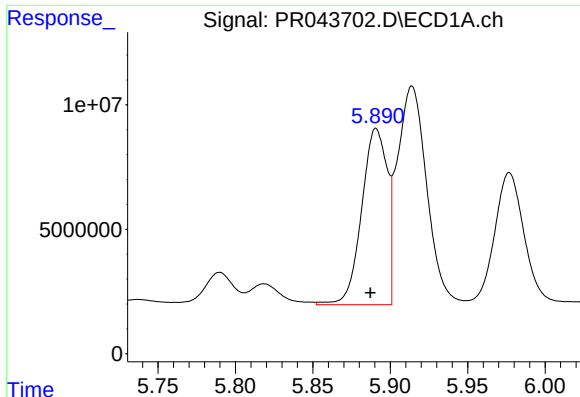
#20 AR-1242-5

R.T.: 6.816 min
Delta R.T.: 0.005 min
Response: 11554147
Conc: 90.83 ng/ml



#20 AR-1242-5

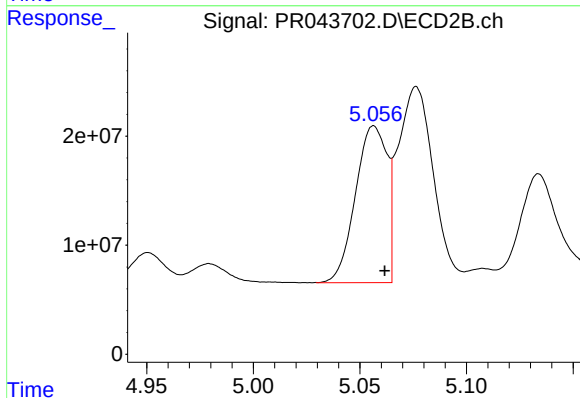
R.T.: 5.864 min
Delta R.T.: -0.003 min
Response: 115127797
Conc: 337.72 ng/ml



#21 AR-1248-1

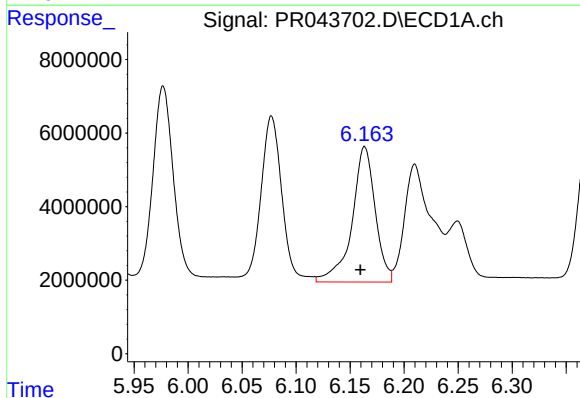
R.T.: 5.891 min
Delta R.T.: 0.004 min
Response: 81589082
Conc: 687.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



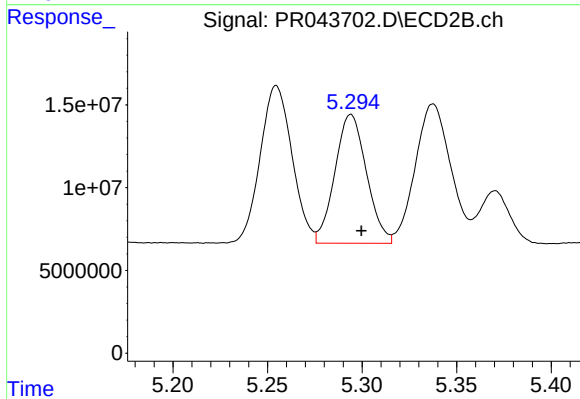
#21 AR-1248-1

R.T.: 5.057 min
Delta R.T.: -0.005 min
Response: 147757643
Conc: 603.83 ng/ml



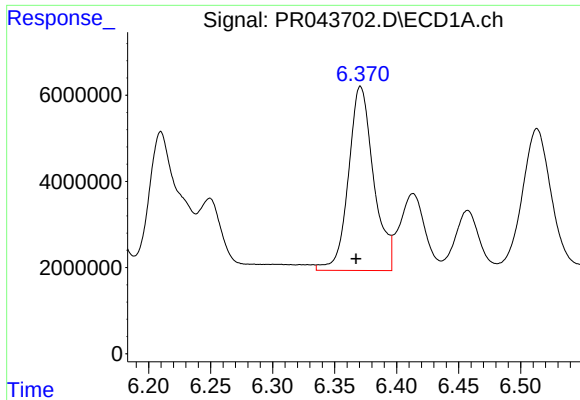
#22 AR-1248-2

R.T.: 6.163 min
Delta R.T.: 0.004 min
Response: 54965160
Conc: 337.37 ng/ml



#22 AR-1248-2

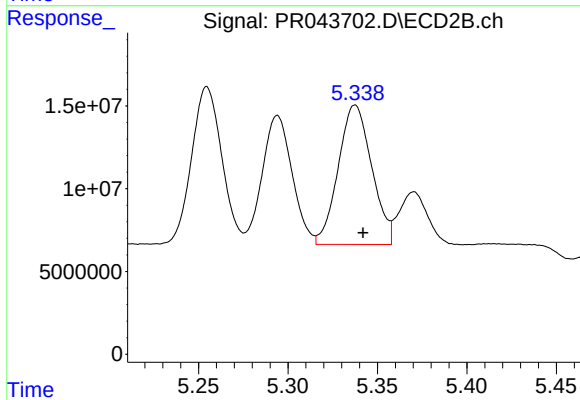
R.T.: 5.294 min
Delta R.T.: -0.006 min
Response: 90496346
Conc: 279.07 ng/ml



#23 AR-1248-3

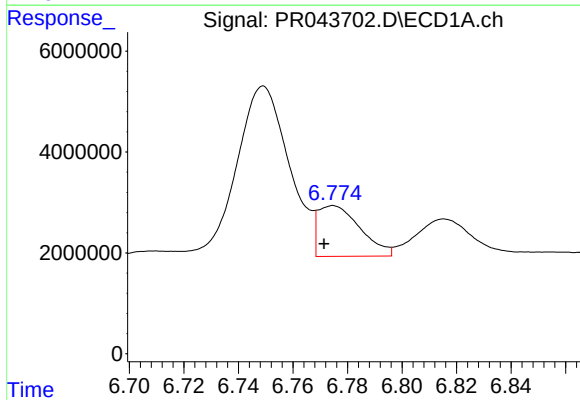
R.T.: 6.371 min
Delta R.T.: 0.004 min
Response: 60310519
Conc: 332.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



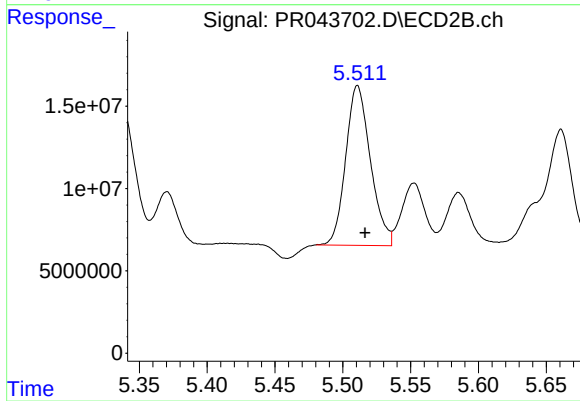
#23 AR-1248-3

R.T.: 5.338 min
Delta R.T.: -0.004 min
Response: 109813227
Conc: 333.43 ng/ml



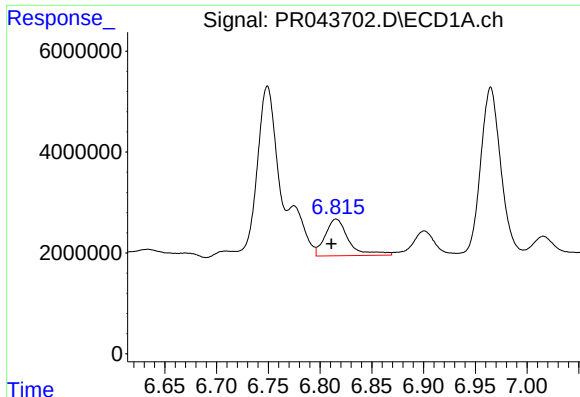
#24 AR-1248-4

R.T.: 6.775 min
Delta R.T.: 0.003 min
Response: 10837841
Conc: 51.77 ng/ml



#24 AR-1248-4

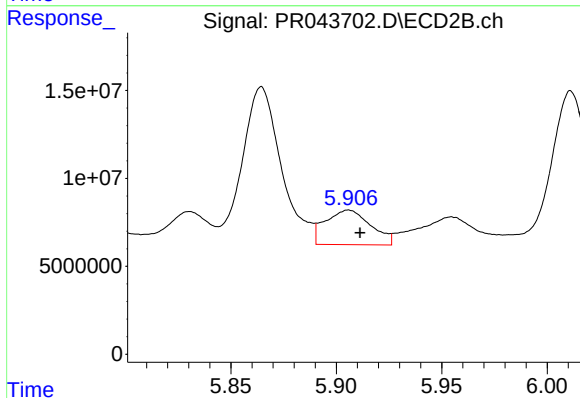
R.T.: 5.511 min
Delta R.T.: -0.005 min
Response: 123254774
Conc: 297.29 ng/ml



#25 AR-1248-5

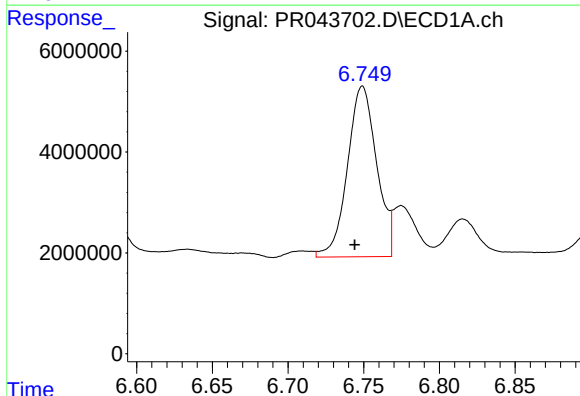
R.T.: 6.816 min
Delta R.T.: 0.004 min
Response: 11554147
Conc: 58.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



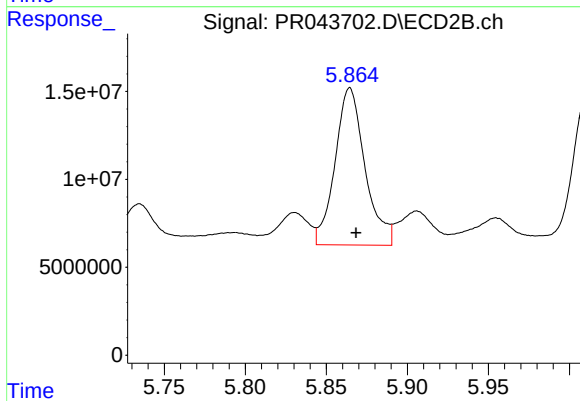
#25 AR-1248-5

R.T.: 5.906 min
Delta R.T.: -0.005 min
Response: 29464894
Conc: 66.29 ng/ml



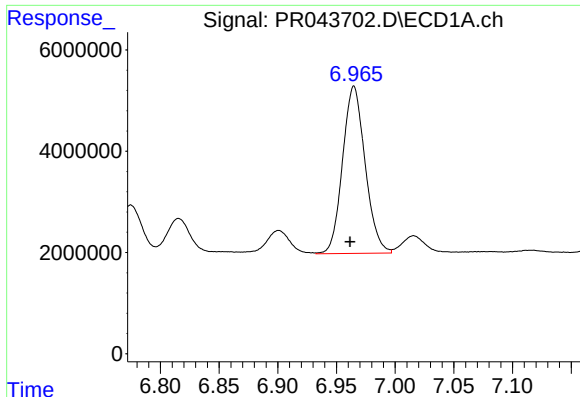
#26 AR-1254-1

R.T.: 6.749 min
Delta R.T.: 0.005 min
Response: 45405125
Conc: 207.74 ng/ml



#26 AR-1254-1

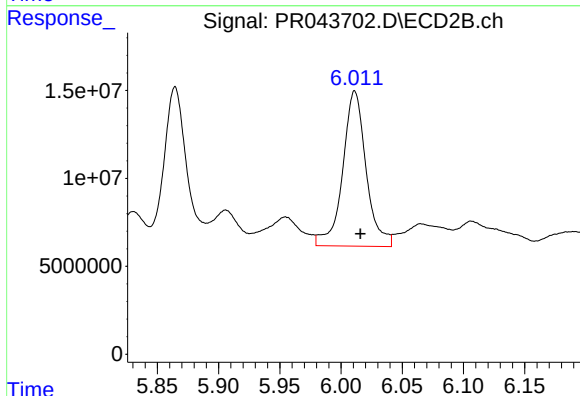
R.T.: 5.864 min
Delta R.T.: -0.004 min
Response: 115127797
Conc: 161.59 ng/ml



#27 AR-1254-2

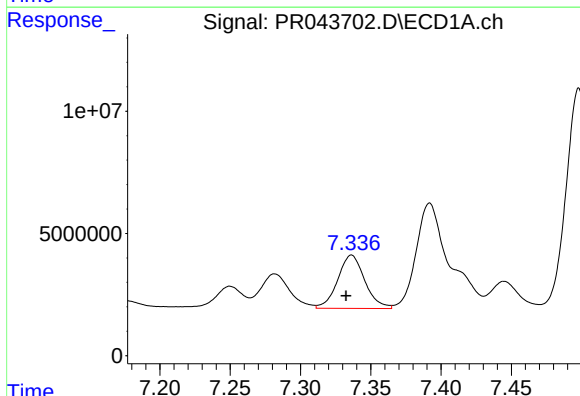
R.T.: 6.965 min
Delta R.T.: 0.003 min
Response: 44216110
Conc: 131.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



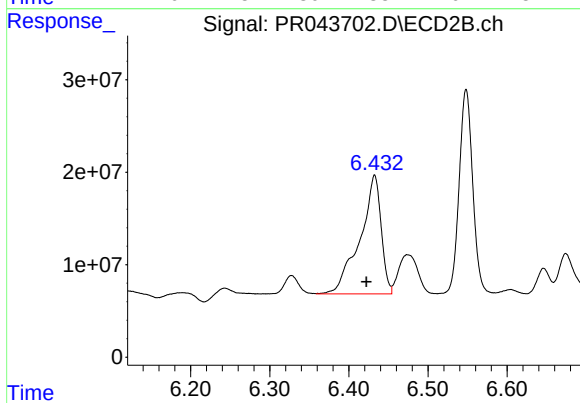
#27 AR-1254-2

R.T.: 6.011 min
Delta R.T.: -0.005 min
Response: 117616617
Conc: 183.88 ng/ml



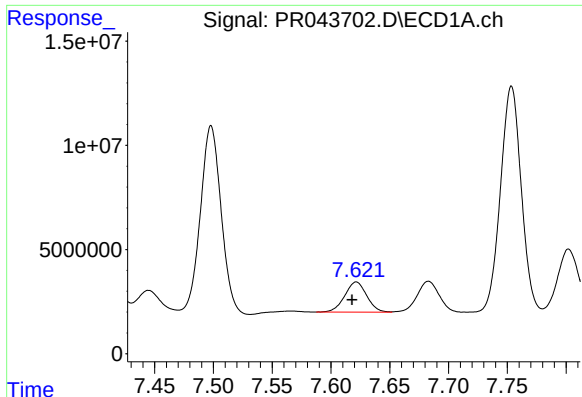
#28 AR-1254-3

R.T.: 7.336 min
Delta R.T.: 0.004 min
Response: 29216754
Conc: 83.53 ng/ml



#28 AR-1254-3

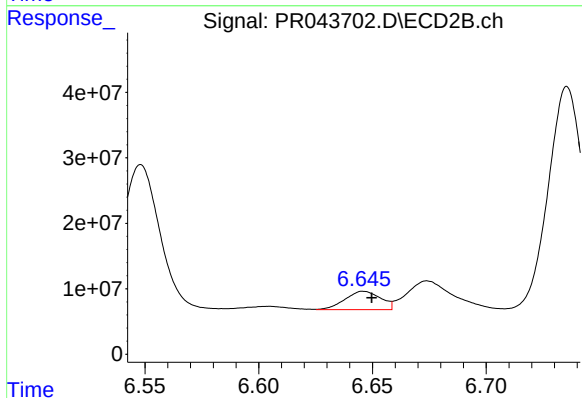
R.T.: 6.433 min
Delta R.T.: 0.010 min
Response: 239577455
Conc: 236.67 ng/ml



#29 AR-1254-4

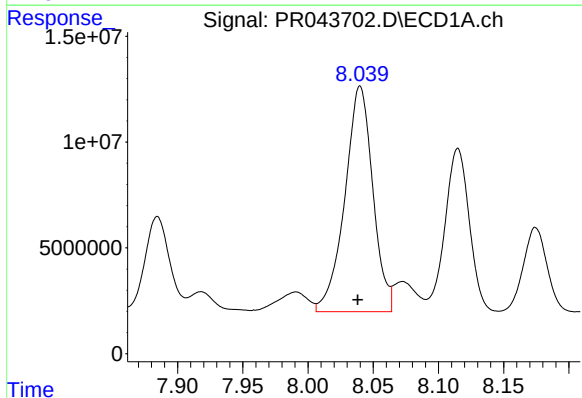
R.T.: 7.622 min
Delta R.T.: 0.004 min
Response: 18851628
Conc: 75.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



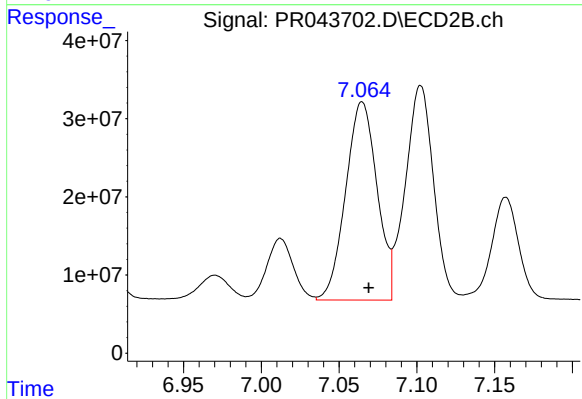
#29 AR-1254-4

R.T.: 6.646 min
Delta R.T.: -0.003 min
Response: 30350040
Conc: 42.15 ng/ml



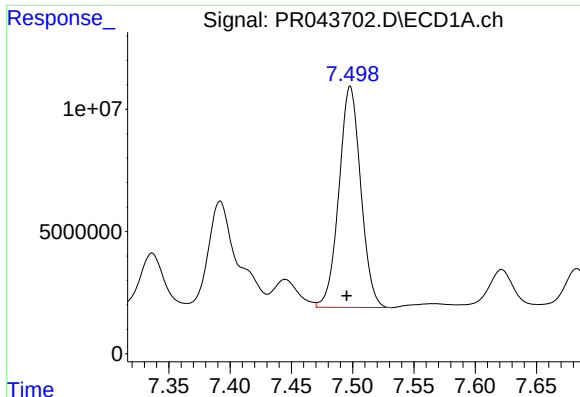
#30 AR-1254-5

R.T.: 8.040 min
Delta R.T.: 0.002 min
Response: 159035249
Conc: 617.14 ng/ml



#30 AR-1254-5

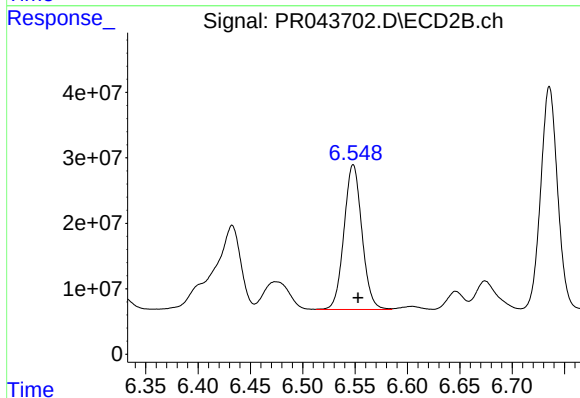
R.T.: 7.065 min
Delta R.T.: -0.004 min
Response: 356540160
Conc: 418.53 ng/ml



#31 AR-1260-1

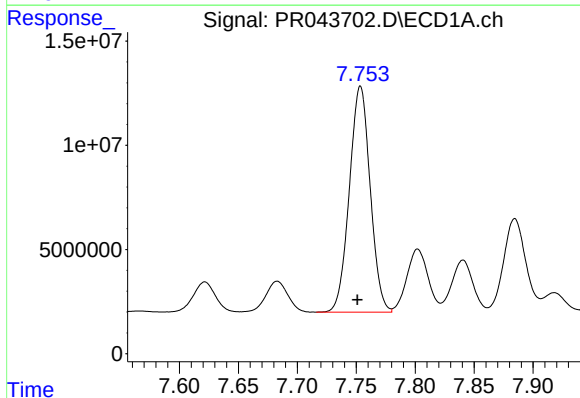
R.T.: 7.498 min
Delta R.T.: 0.003 min
Response: 112121542
Conc: 449.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



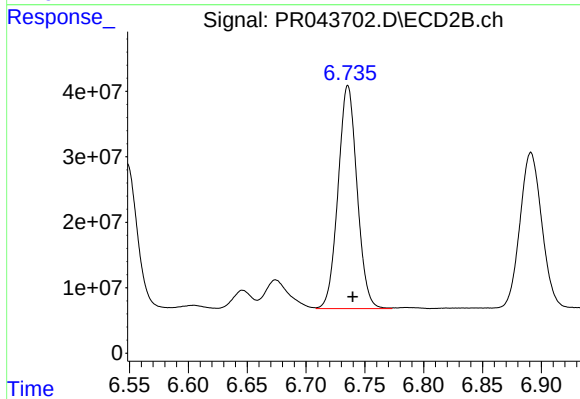
#31 AR-1260-1

R.T.: 6.548 min
Delta R.T.: -0.005 min
Response: 264114110
Conc: 389.84 ng/ml



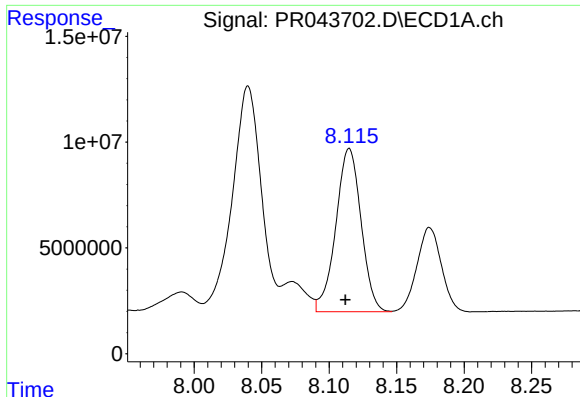
#32 AR-1260-2

R.T.: 7.754 min
Delta R.T.: 0.003 min
Response: 133408078
Conc: 449.04 ng/ml



#32 AR-1260-2

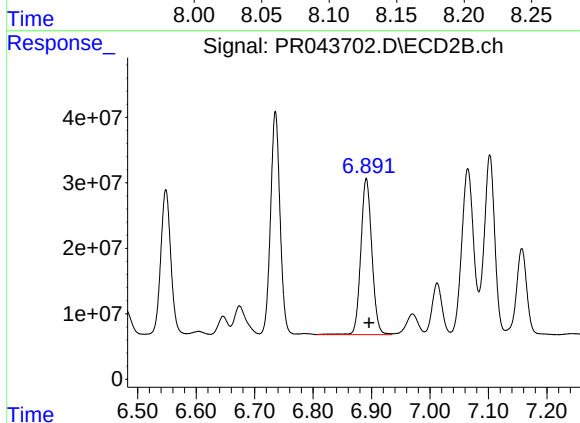
R.T.: 6.736 min
Delta R.T.: -0.004 min
Response: 382998950
Conc: 395.31 ng/ml



#33 AR-1260-3

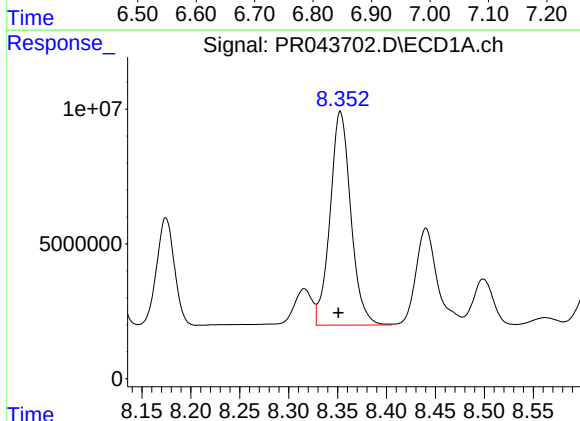
R.T.: 8.115 min
Delta R.T.: 0.003 min
Response: 100437263
Conc: 453.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



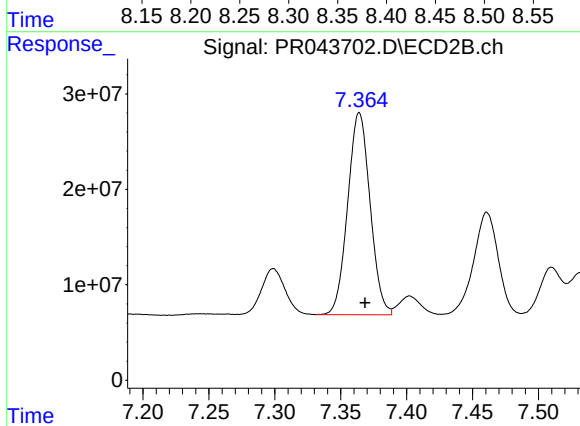
#33 AR-1260-3

R.T.: 6.891 min
Delta R.T.: -0.005 min
Response: 313537820
Conc: 401.49 ng/ml



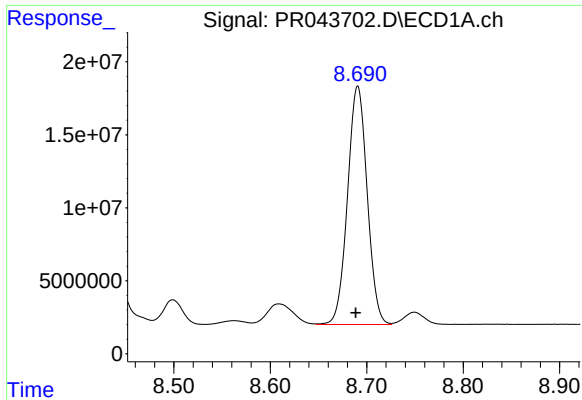
#34 AR-1260-4

R.T.: 8.353 min
Delta R.T.: 0.002 min
Response: 116935005
Conc: 464.88 ng/ml



#34 AR-1260-4

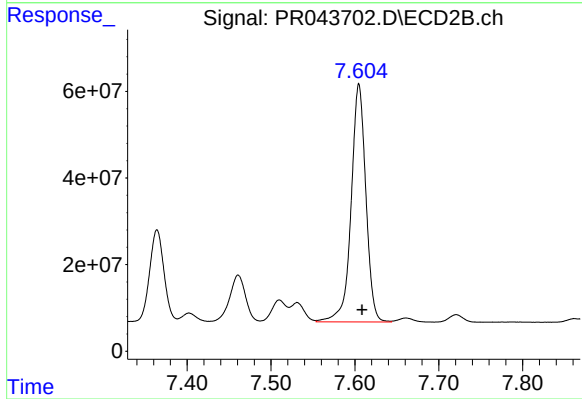
R.T.: 7.364 min
Delta R.T.: -0.004 min
Response: 250476601
Conc: 394.81 ng/ml



#35 AR-1260-5

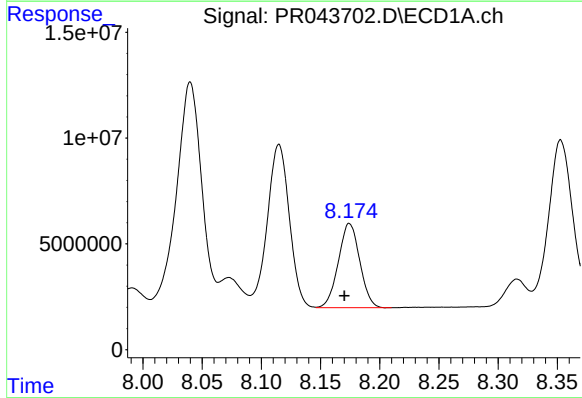
R.T.: 8.691 min
Delta R.T.: 0.002 min
Response: 231299255
Conc: 479.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



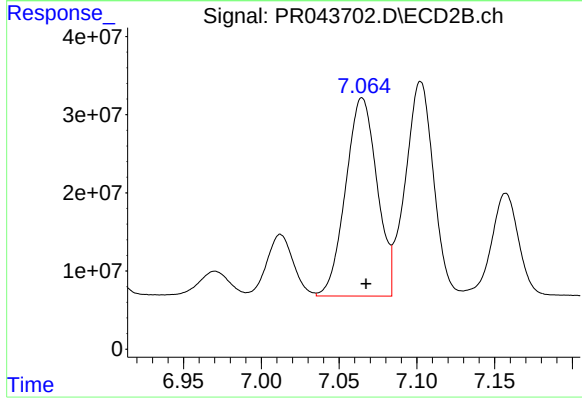
#35 AR-1260-5

R.T.: 7.605 min
Delta R.T.: -0.004 min
Response: 670560036
Conc: 393.95 ng/ml



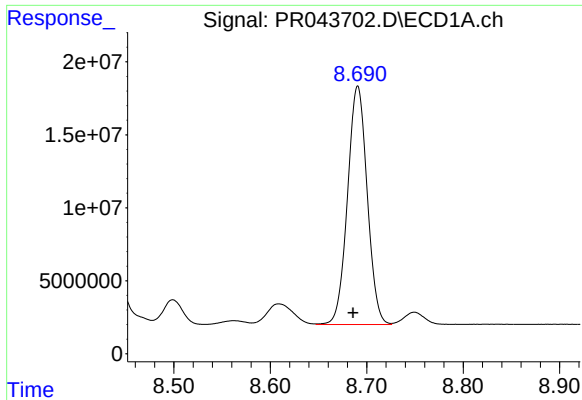
#36 AR-1262-1

R.T.: 8.174 min
Delta R.T.: 0.004 min
Response: 50190035
Conc: 377.01 ng/ml



#36 AR-1262-1

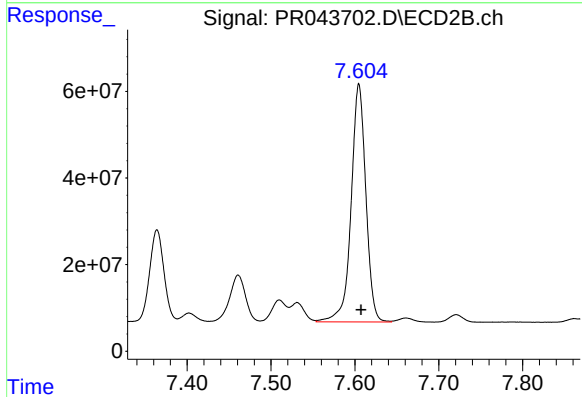
R.T.: 7.065 min
Delta R.T.: -0.003 min
Response: 356540160
Conc: 721.03 ng/ml



#37 AR-1262-2

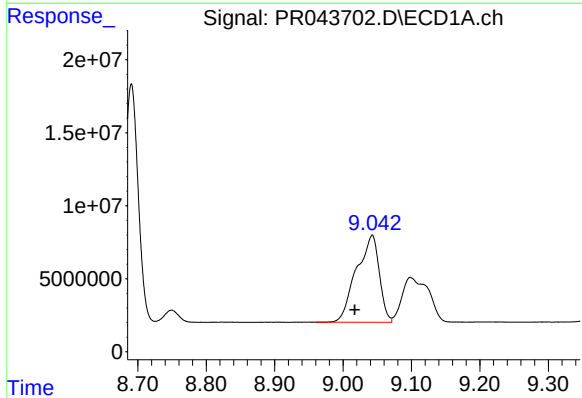
R.T.: 8.691 min
Delta R.T.: 0.005 min
Response: 231299255
Conc: 406.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



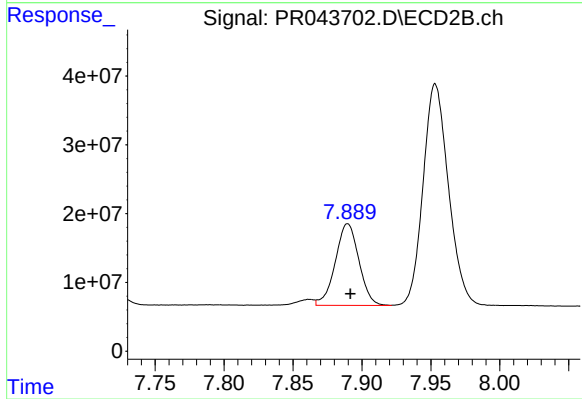
#37 AR-1262-2

R.T.: 7.605 min
Delta R.T.: -0.003 min
Response: 670560036
Conc: 352.44 ng/ml



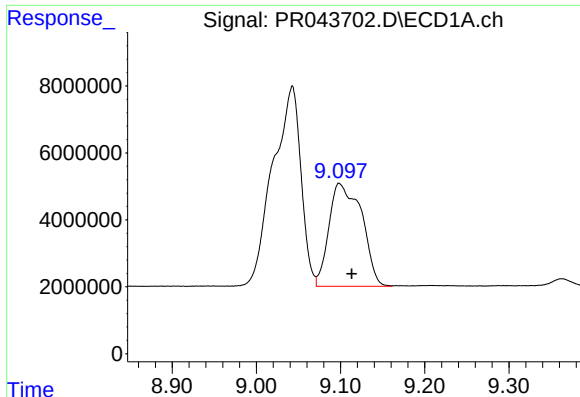
#38 AR-1262-3

R.T.: 9.043 min
Delta R.T.: 0.025 min
Response: 138392678
Conc: 382.26 ng/ml



#38 AR-1262-3

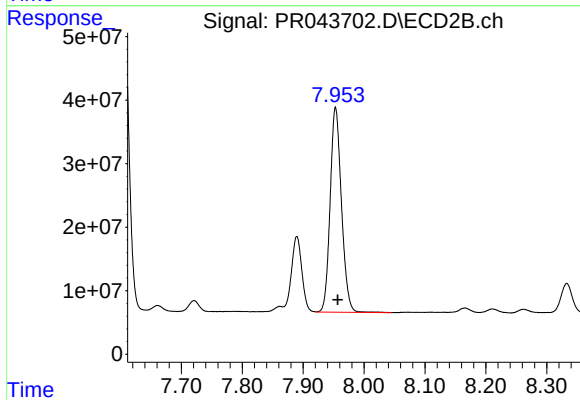
R.T.: 7.890 min
Delta R.T.: -0.002 min
Response: 141576353
Conc: 185.60 ng/ml



#39 AR-1262-4

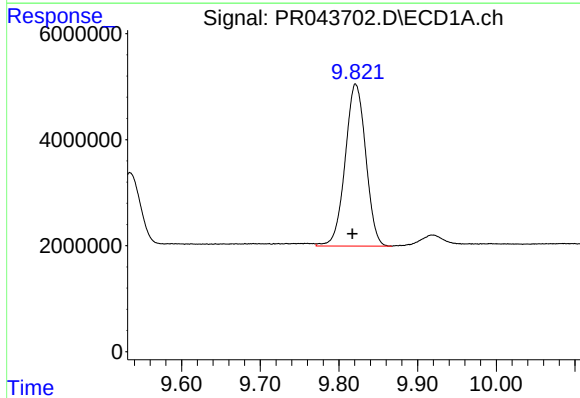
R.T.: 9.098 min
Delta R.T.: -0.015 min
Response: 82912373
Conc: 311.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



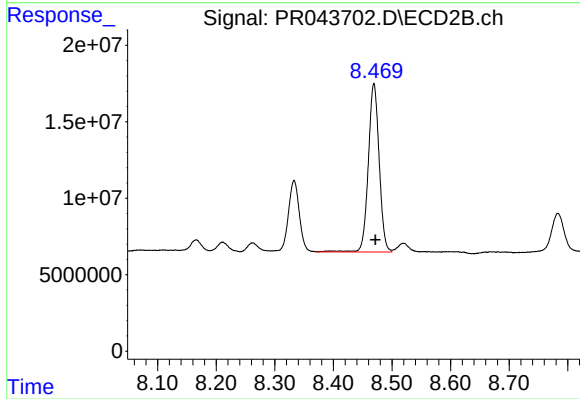
#39 AR-1262-4

R.T.: 7.953 min
Delta R.T.: -0.004 min
Response: 415921042
Conc: 335.05 ng/ml



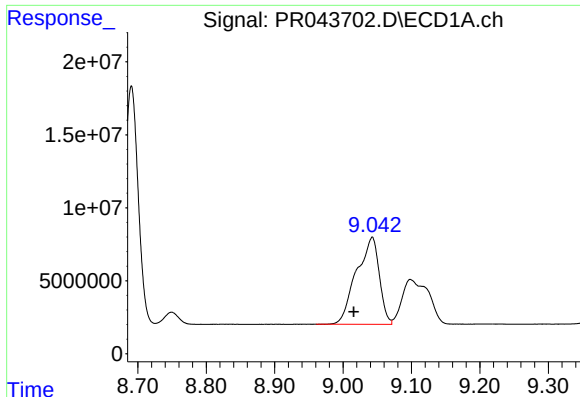
#40 AR-1262-5

R.T.: 9.821 min
Delta R.T.: 0.004 min
Response: 55519596
Conc: 294.84 ng/ml



#40 AR-1262-5

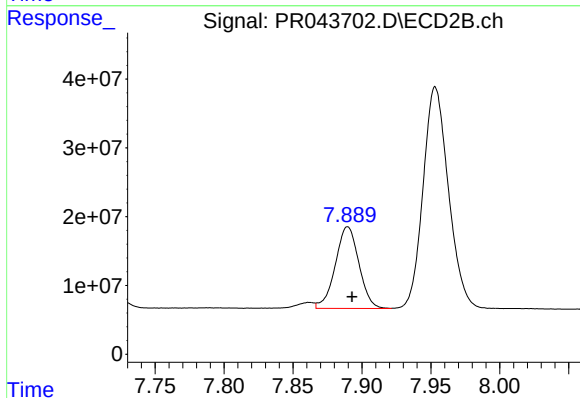
R.T.: 8.469 min
Delta R.T.: -0.002 min
Response: 141979877
Conc: 249.11 ng/ml



#41 AR-1268-1

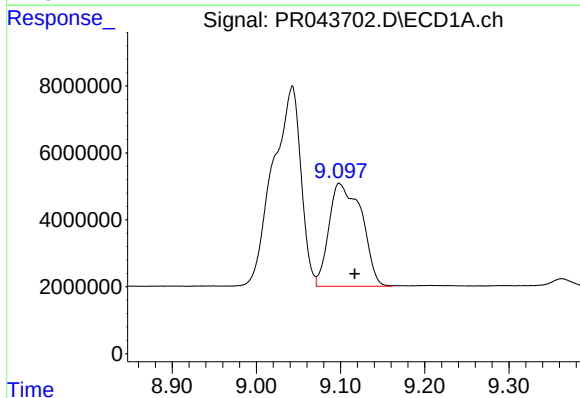
R.T.: 9.043 min
Delta R.T.: 0.027 min
Response: 138392678
Conc: 216.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



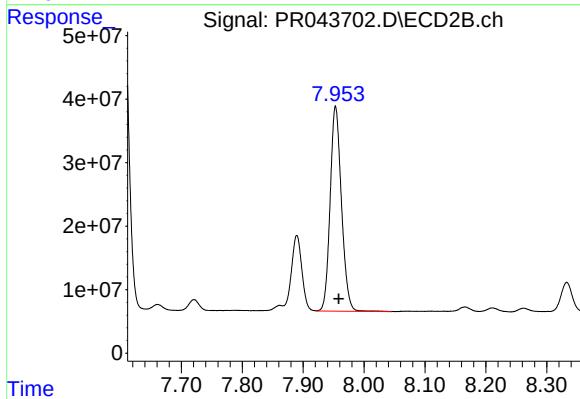
#41 AR-1268-1

R.T.: 7.890 min
Delta R.T.: -0.003 min
Response: 141576353
Conc: 65.97 ng/ml



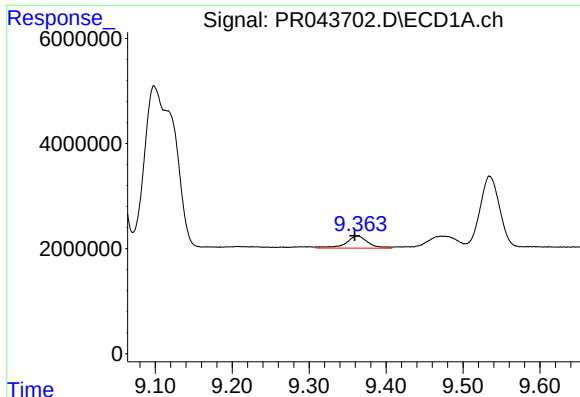
#42 AR-1268-2

R.T.: 9.098 min
Delta R.T.: -0.019 min
Response: 82912373
Conc: 143.90 ng/ml



#42 AR-1268-2

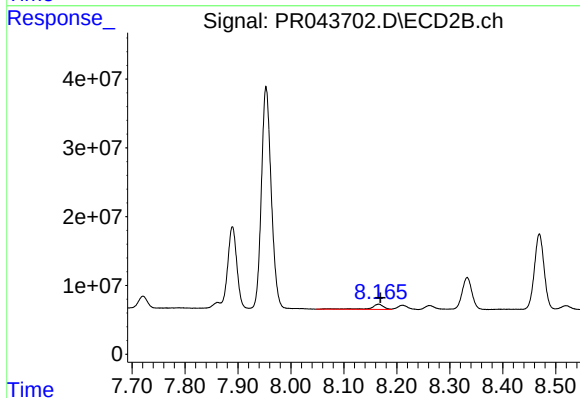
R.T.: 7.953 min
Delta R.T.: -0.005 min
Response: 415921042
Conc: 229.23 ng/ml



#43 AR-1268-3

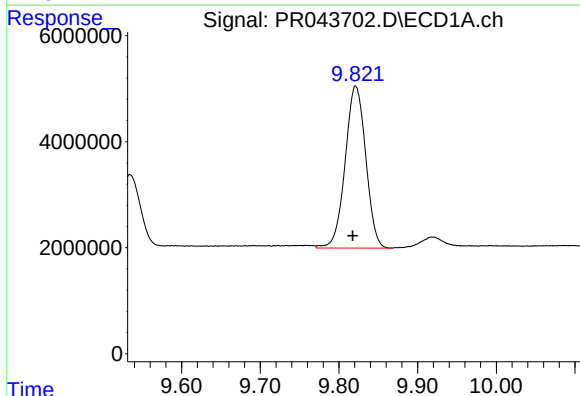
R.T.: 9.363 min
Delta R.T.: 0.004 min
Response: 4688374
Conc: 9.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



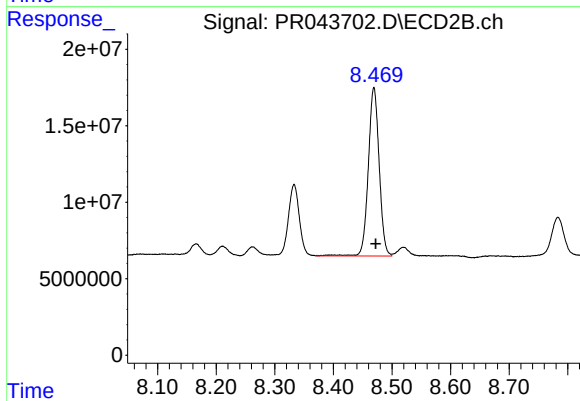
#43 AR-1268-3

R.T.: 8.166 min
Delta R.T.: -0.003 min
Response: 13245728
Conc: 8.60 ng/ml



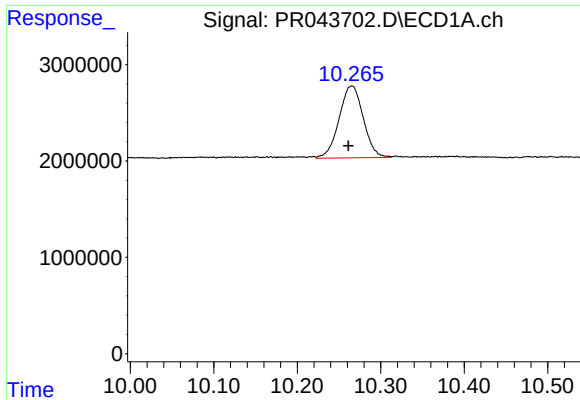
#44 AR-1268-4

R.T.: 9.821 min
Delta R.T.: 0.004 min
Response: 55519596
Conc: 271.73 ng/ml



#44 AR-1268-4

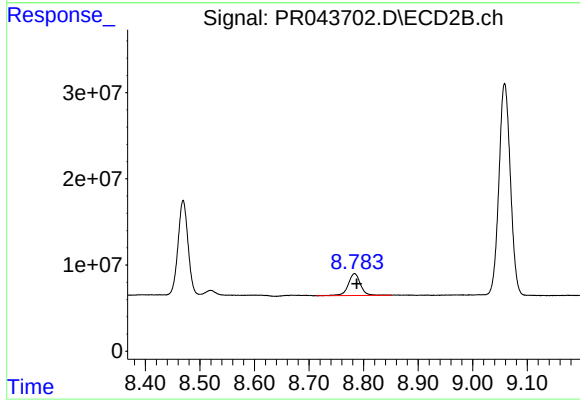
R.T.: 8.469 min
Delta R.T.: -0.003 min
Response: 141979877
Conc: 231.53 ng/ml



#45 AR-1268-5

R.T.: 10.265 min
Delta R.T.: 0.004 min
Response: 15035305
Conc: 9.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



#45 AR-1268-5

R.T.: 8.783 min
Delta R.T.: -0.004 min
Response: 39342235
Conc: 9.30 ng/ml