

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072920\
 Data File : PR046589.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2020 16:00
 Operator : AJ\MA
 Sample : L3473-09MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 01:48:00 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072820.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 29 03:56:12 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.766	3.993	32921996	208.8E6	20.804	20.875
2)	SA Decachlor...	10.767	9.122	35618190	302.1E6	16.075	20.044
Target Compounds							
3)	L1 AR-1016-1	5.954	5.090	13119133	84741238	192.503	185.441
4)	L1 AR-1016-2	5.978	5.110	18094408	120.1E6	186.811	188.427
5)	L1 AR-1016-3	6.040	5.289	11287317	63591365	192.937	190.474
6)	L1 AR-1016-4	6.142	5.328	9065062	51403340	187.645	190.408
7)	L1 AR-1016-5	6.436	5.545	9289761	50564850	187.501	139.355 #
9)	L2 AR-1221-2	0.000	4.294	0	13561335	N.D.	166.456 #
10)	L2 AR-1221-3	5.147	4.370	5665930	37029323	138.929	141.795
11)	L3 AR-1232-1	5.147	4.370	5665930	37029323	219.900	220.909
12)	L3 AR-1232-2	5.684	5.110	8638712	120.1E6	609.517	567.086
13)	L3 AR-1232-3	5.978	5.289	18094408	63591365	566.238	572.018
14)	L3 AR-1232-4	6.142	5.372	9065062	56125895	574.027	547.401
15)	L3 AR-1232-5	6.227	5.545	7665129	50564850	635.073	414.652 #
16)	L4 AR-1242-1	5.954	5.090	13119133	84741238	307.084	298.366
17)	L4 AR-1242-2	5.978	5.110	18094408	120.1E6	302.772	305.117
18)	L4 AR-1242-3	6.040	5.289	11287317	63591365	304.547	299.439
19)	L4 AR-1242-4	6.142	5.372	9065062	56125895	295.535	266.826
20)	L4 AR-1242-5	0.000	5.900	0	45168796	N.D.	145.539 #
21)	L5 AR-1248-1	5.954	5.090	13119133	84741238	357.537	355.990
22)	L5 AR-1248-2	6.227	5.328	7665129	51403340	151.994	161.677
23)	L5 AR-1248-3	6.436	5.372	9289761	56125895	159.158	171.071
24)	L5 AR-1248-4	6.815f	5.545	4887161	50564850	67.090	118.942 #
25)	L5 AR-1248-5	0.000	5.947	0	71108830	N.D.	156.790 #
26)	L6 AR-1254-1	6.815	5.900	4887161	45168796	62.700	60.321
27)	L6 AR-1254-2	7.031	6.048	7886757	42651941	63.268	63.735
28)	L6 AR-1254-3	7.406	6.472f	3837484	407.8E6	27.942	345.791 #
29)	L6 AR-1254-4	7.694	6.713f	5975119	41227669	56.433	52.189
30)	L6 AR-1254-5	8.115	7.105	29554401	187.2E6	259.976	175.141 #
31)	L7 AR-1260-1	7.566	6.588	17613277	122.0E6	179.010	158.406
32)	L7 AR-1260-2	7.824	6.775	23293780	195.7E6	193.974	201.966
33)	L7 AR-1260-3	8.188	6.931	15164286	109.6E6	166.988	123.067 #
34)	L7 AR-1260-4	8.432	7.407	19144476	155.9E6	182.759	210.363
35)	L7 AR-1260-5	8.779	7.647	48738644	321.9E6	216.630	170.746
36)	L8 AR-1262-1	8.188	7.105	15164286	187.2E6	123.026	353.701 #
37)	L8 AR-1262-2	8.779	7.647	48738644	321.9E6	204.845	157.037
38)	L8 AR-1262-3	9.114	7.934	4130549	87201386	39.847	107.294 #
39)	L8 AR-1262-4	9.199	7.999	11850214	286.5E6	96.831	198.042 #
40)	L8 AR-1262-5	9.943	8.519	8921989	77258949	96.978	113.690
41)	L9 AR-1268-1	9.114	7.934	4130549	87201386	14.231	37.304 #
42)	L9 AR-1268-2	9.199f	7.999	11850214	286.5E6	43.816	129.587 #

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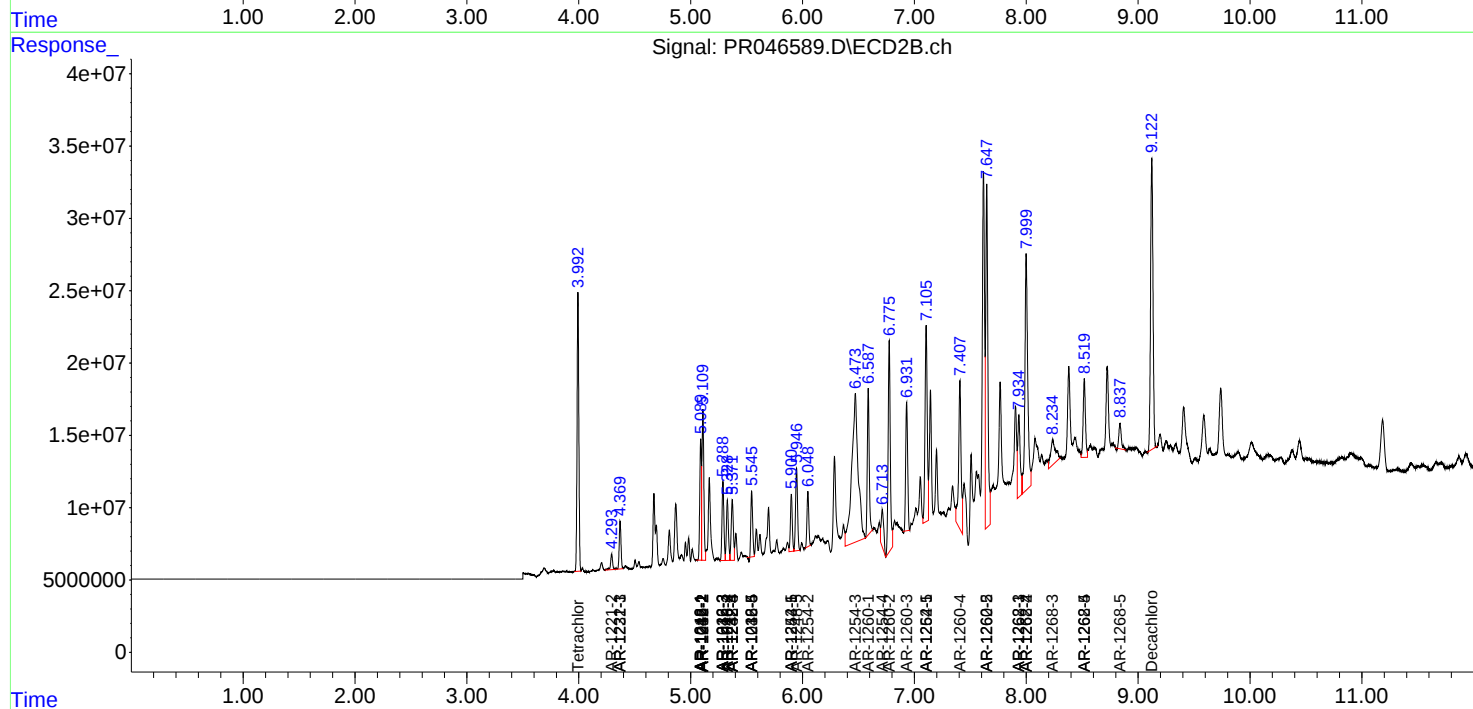
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

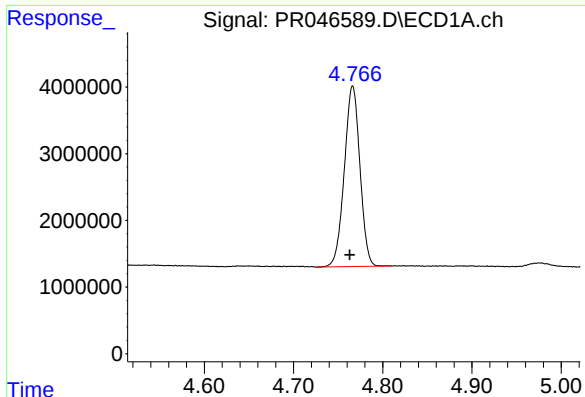
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	8.235f	0	52867923	N.D.	29.180 #
44) L9	AR-1268-4	9.943	8.519	8921989	77258949	85.631	100.624
45) L9	AR-1268-5	10.398	8.838	3582996	26156215	4.446	4.715

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

Instrument :
ECD_R
ClientSampleId :

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

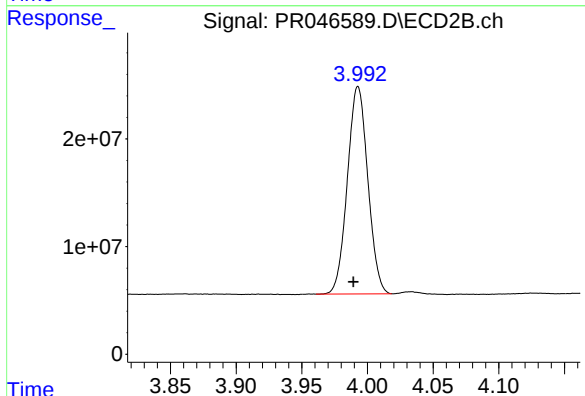




#1 Tetrachloro-m-xylene

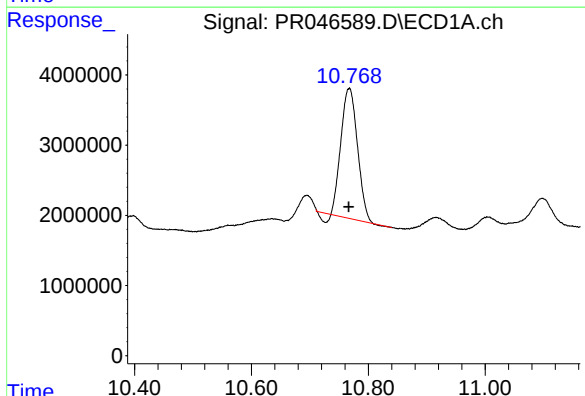
R.T.: 4.766 min
Delta R.T.: 0.003 min
Response: 32921996
Conc: 20.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



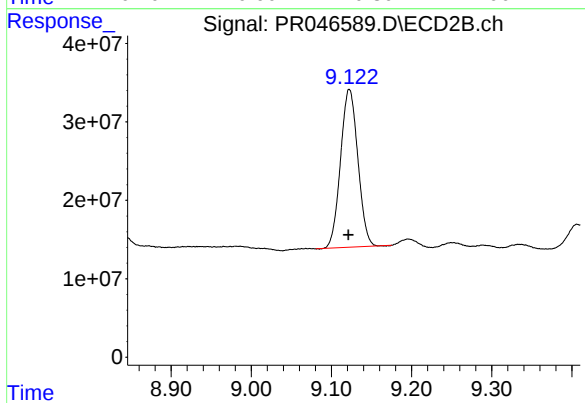
#1 Tetrachloro-m-xylene

R.T.: 3.993 min
Delta R.T.: 0.003 min
Response: 208847682
Conc: 20.87 ng/ml



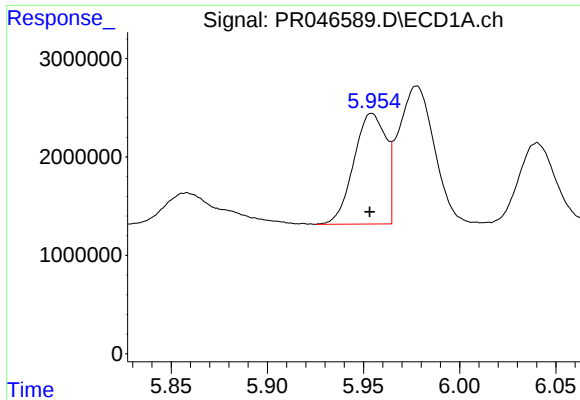
#2 Decachlorobiphenyl

R.T.: 10.767 min
Delta R.T.: 0.000 min
Response: 35618190
Conc: 16.07 ng/ml



#2 Decachlorobiphenyl

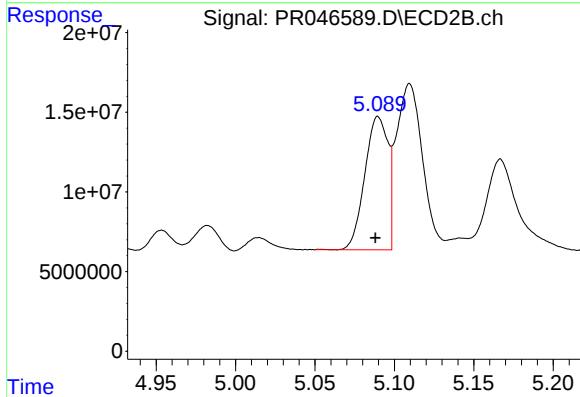
R.T.: 9.122 min
Delta R.T.: 0.001 min
Response: 302125376
Conc: 20.04 ng/ml



#3 AR-1016-1

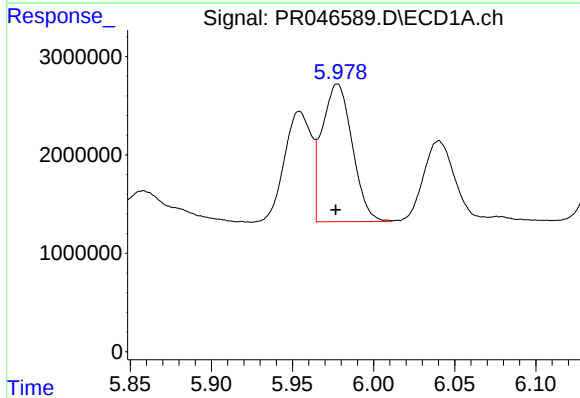
R.T.: 5.954 min
Delta R.T.: 0.001 min
Response: 13119133
Conc: 192.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



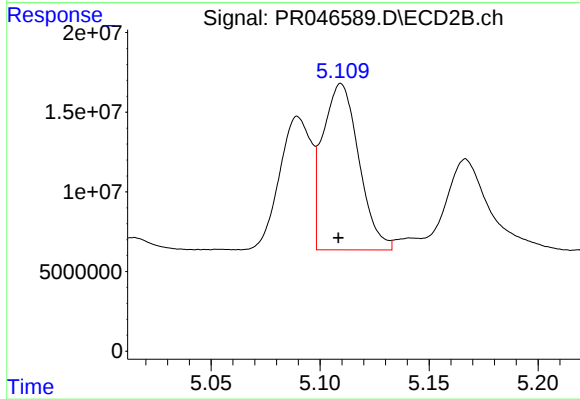
#3 AR-1016-1

R.T.: 5.090 min
Delta R.T.: 0.002 min
Response: 84741238
Conc: 185.44 ng/ml



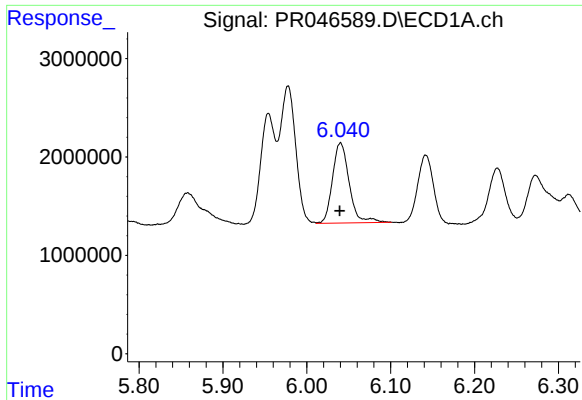
#4 AR-1016-2

R.T.: 5.978 min
Delta R.T.: 0.001 min
Response: 18094408
Conc: 186.81 ng/ml



#4 AR-1016-2

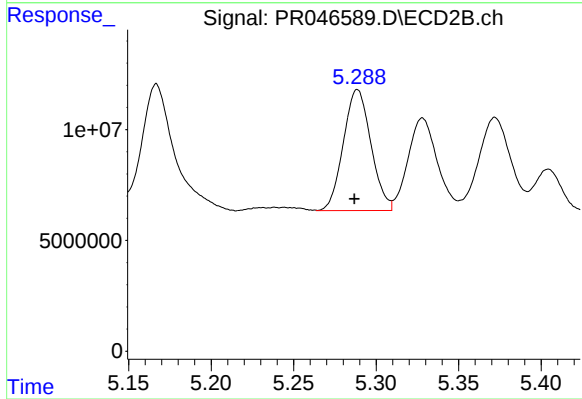
R.T.: 5.110 min
Delta R.T.: 0.001 min
Response: 120094137
Conc: 188.43 ng/ml



#5 AR-1016-3

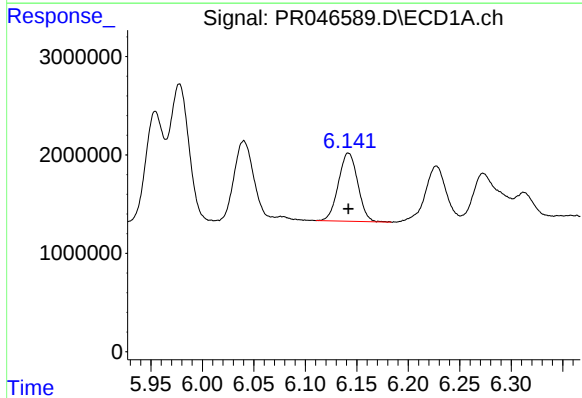
R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 11287317
Conc: 192.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



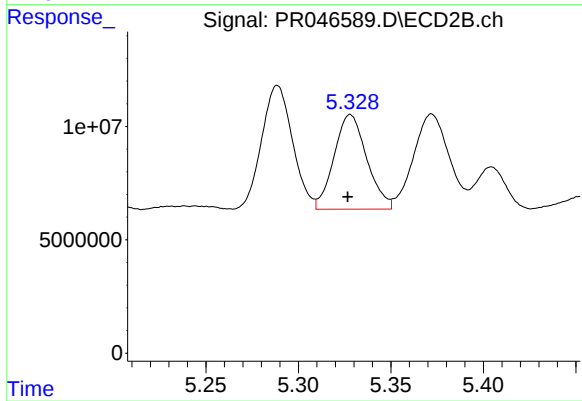
#5 AR-1016-3

R.T.: 5.289 min
Delta R.T.: 0.002 min
Response: 63591365
Conc: 190.47 ng/ml



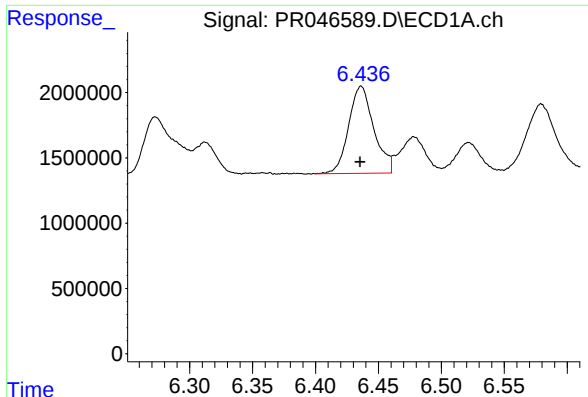
#6 AR-1016-4

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 9065062
Conc: 187.65 ng/ml



#6 AR-1016-4

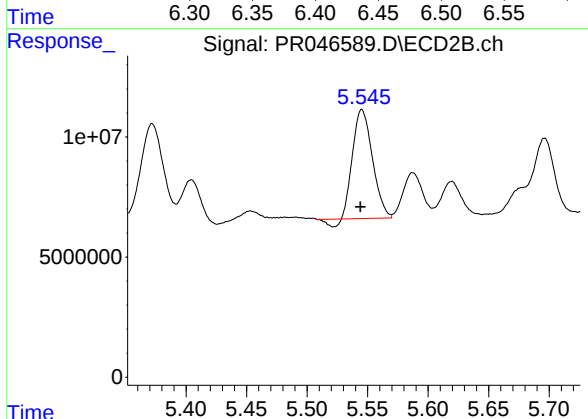
R.T.: 5.328 min
Delta R.T.: 0.001 min
Response: 51403340
Conc: 190.41 ng/ml



#7 AR-1016-5

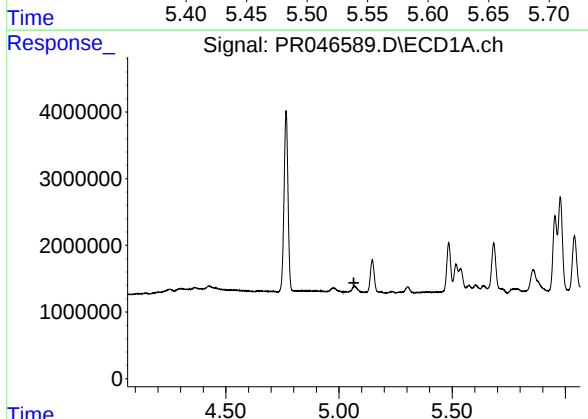
R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 9289761
Conc: 187.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



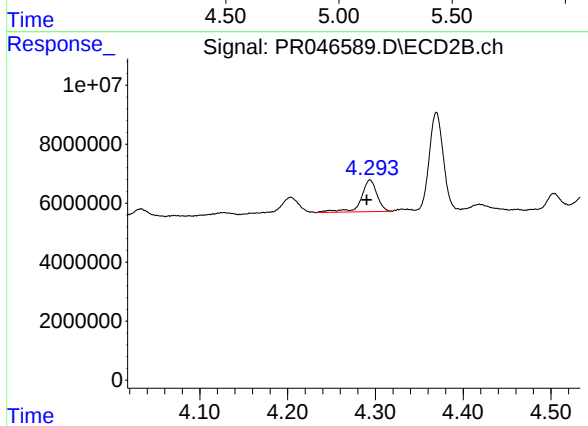
#7 AR-1016-5

R.T.: 5.545 min
Delta R.T.: 0.001 min
Response: 50564850
Conc: 139.36 ng/ml



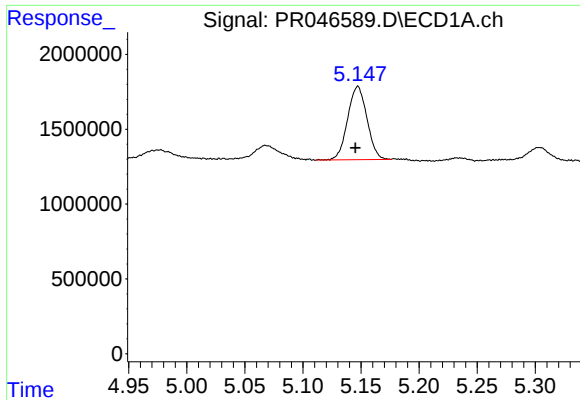
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 5.066 min
Response: 0
Conc: N.D.



#9 AR-1221-2

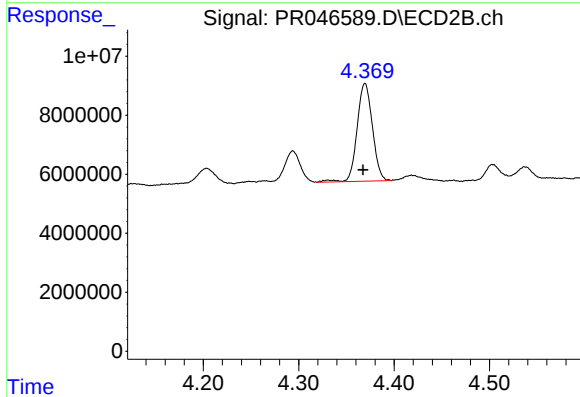
R.T.: 4.294 min
Delta R.T.: 0.004 min
Response: 13561335
Conc: 166.46 ng/ml



#10 AR-1221-3

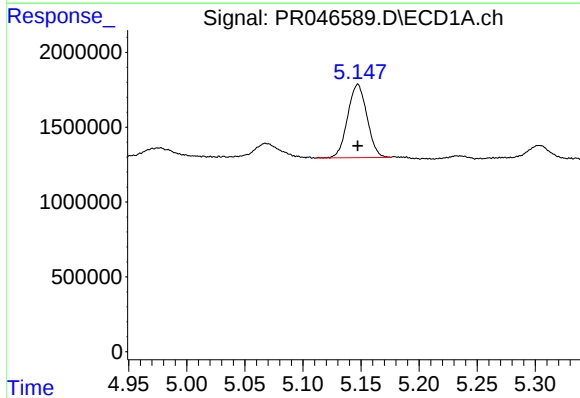
R.T.: 5.147 min
Delta R.T.: 0.002 min
Response: 5665930
Conc: 138.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



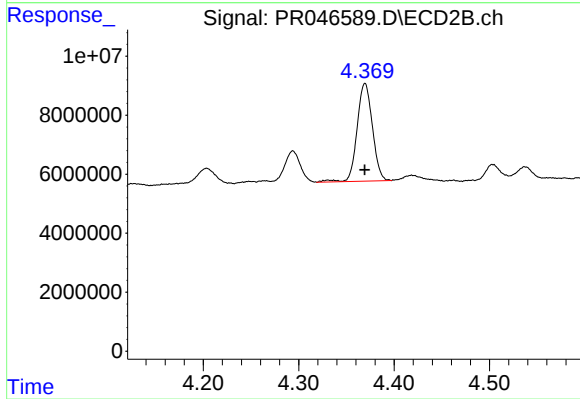
#10 AR-1221-3

R.T.: 4.370 min
Delta R.T.: 0.002 min
Response: 37029323
Conc: 141.79 ng/ml



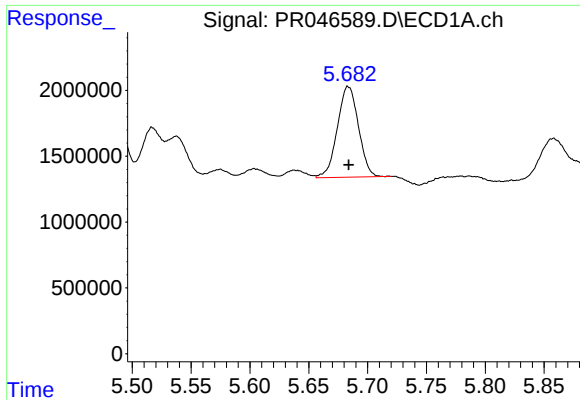
#11 AR-1232-1

R.T.: 5.147 min
Delta R.T.: 0.000 min
Response: 5665930
Conc: 219.90 ng/ml



#11 AR-1232-1

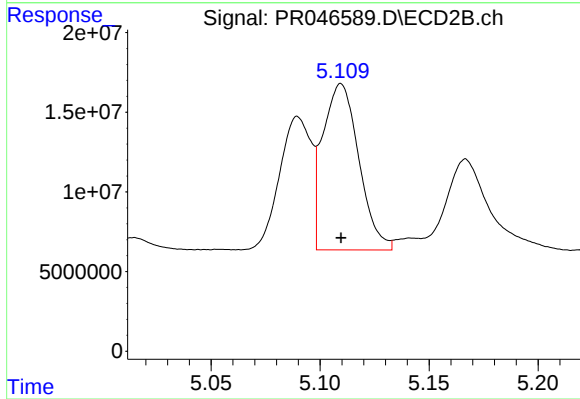
R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 37029323
Conc: 220.91 ng/ml



#12 AR-1232-2

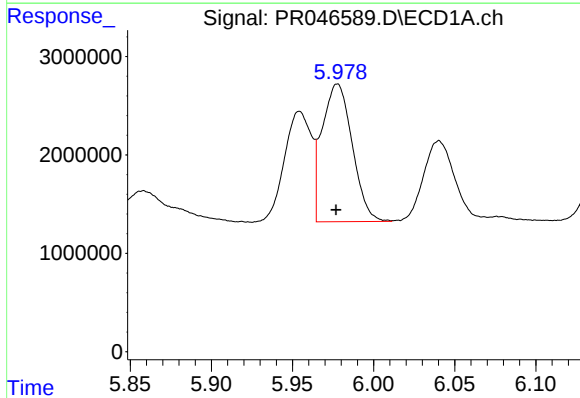
R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 8638712
Conc: 609.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



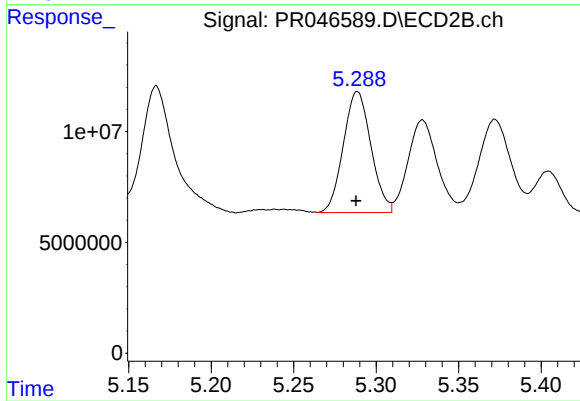
#12 AR-1232-2

R.T.: 5.110 min
Delta R.T.: 0.000 min
Response: 120094137
Conc: 567.09 ng/ml



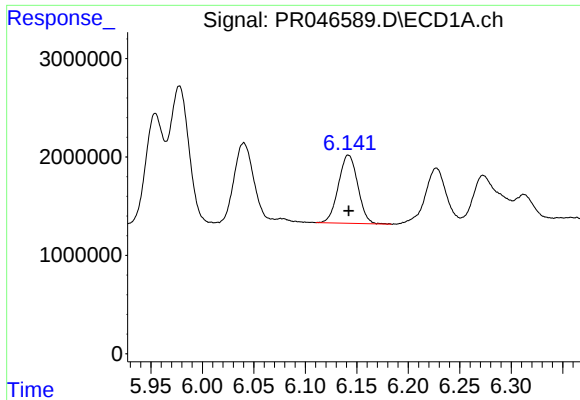
#13 AR-1232-3

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 18094408
Conc: 566.24 ng/ml



#13 AR-1232-3

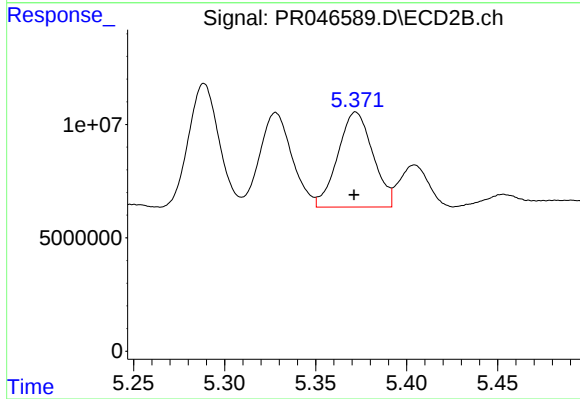
R.T.: 5.289 min
Delta R.T.: 0.000 min
Response: 63591365
Conc: 572.02 ng/ml



#14 AR-1232-4

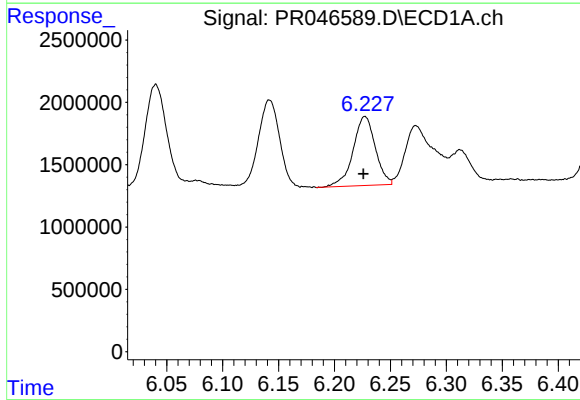
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 9065062
Conc: 574.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



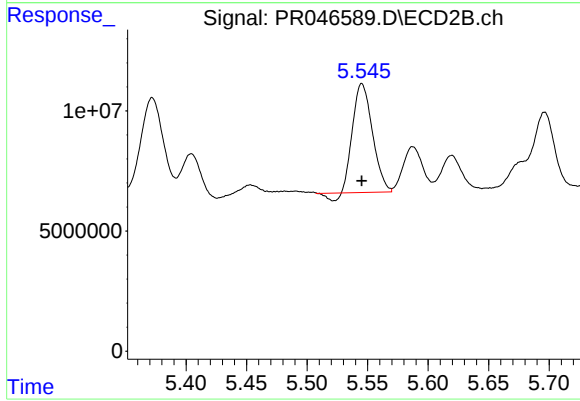
#14 AR-1232-4

R.T.: 5.372 min
Delta R.T.: 0.000 min
Response: 56125895
Conc: 547.40 ng/ml



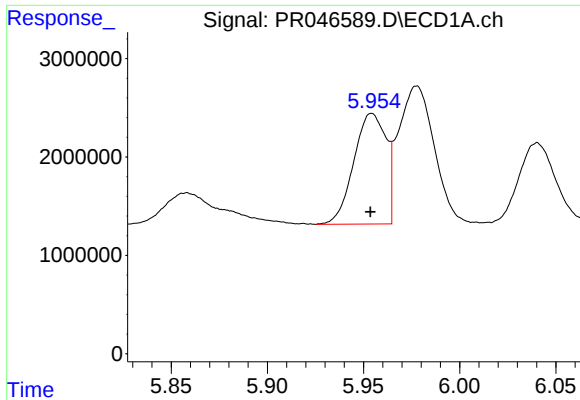
#15 AR-1232-5

R.T.: 6.227 min
Delta R.T.: 0.001 min
Response: 7665129
Conc: 635.07 ng/ml



#15 AR-1232-5

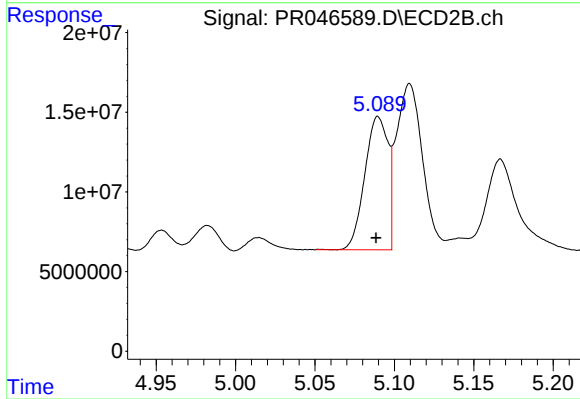
R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 50564850
Conc: 414.65 ng/ml



#16 AR-1242-1

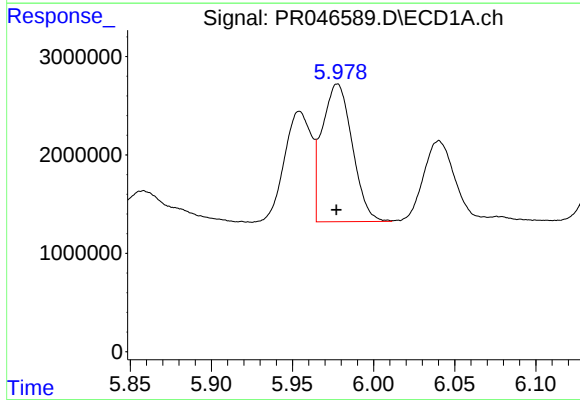
R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 13119133
Conc: 307.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



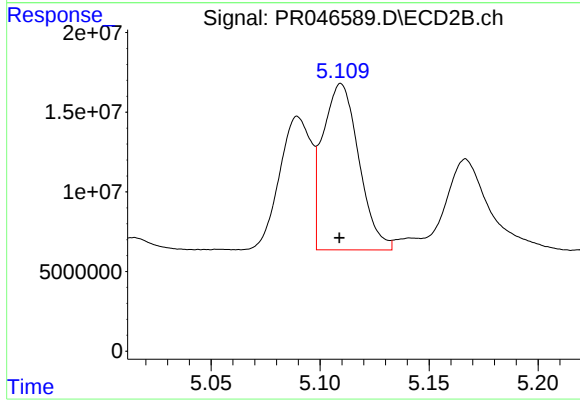
#16 AR-1242-1

R.T.: 5.090 min
Delta R.T.: 0.001 min
Response: 84741238
Conc: 298.37 ng/ml



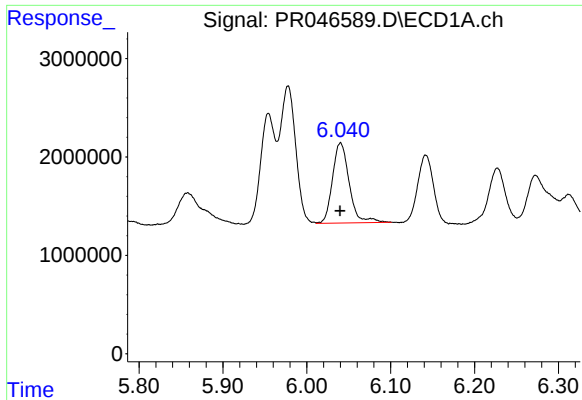
#17 AR-1242-2

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 18094408
Conc: 302.77 ng/ml



#17 AR-1242-2

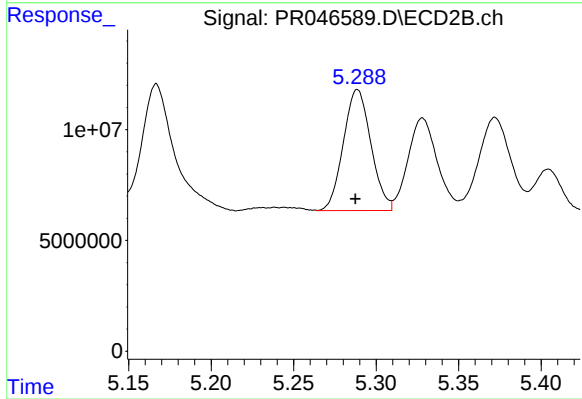
R.T.: 5.110 min
Delta R.T.: 0.000 min
Response: 120094137
Conc: 305.12 ng/ml



#18 AR-1242-3

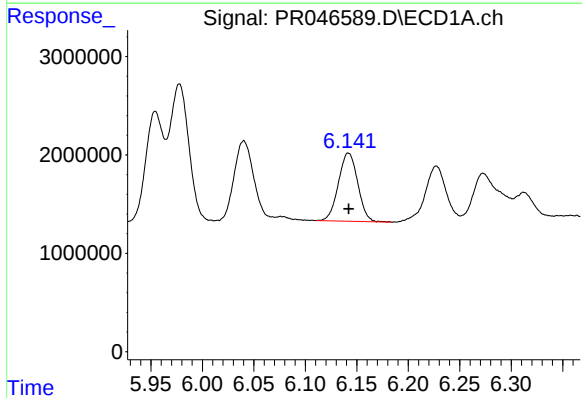
R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 11287317
Conc: 304.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



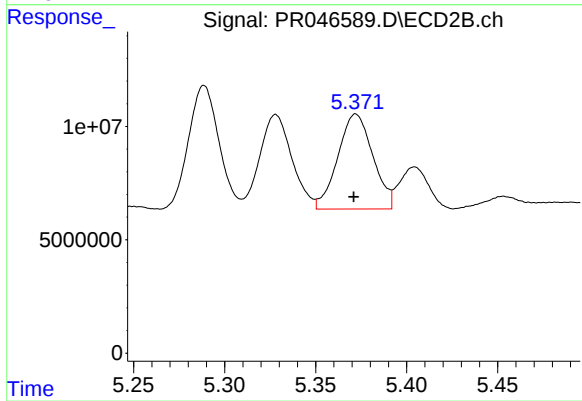
#18 AR-1242-3

R.T.: 5.289 min
Delta R.T.: 0.001 min
Response: 63591365
Conc: 299.44 ng/ml



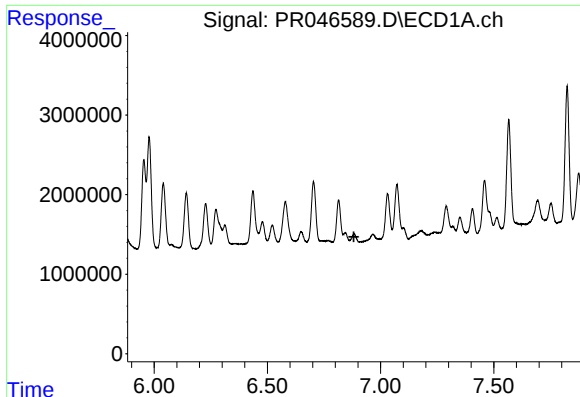
#19 AR-1242-4

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 9065062
Conc: 295.54 ng/ml



#19 AR-1242-4

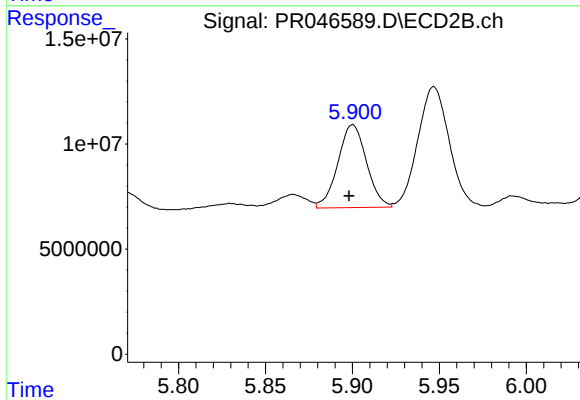
R.T.: 5.372 min
Delta R.T.: 0.001 min
Response: 56125895
Conc: 266.83 ng/ml



#20 AR-1242-5

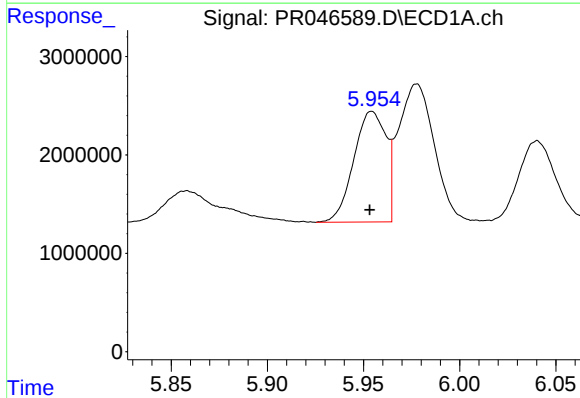
R.T.: 0.000 min
Exp R.T.: 6.882 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



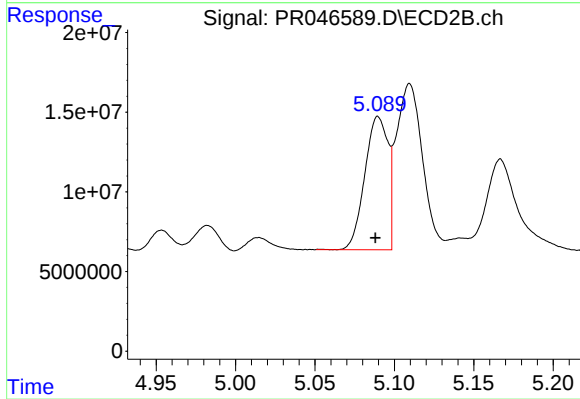
#20 AR-1242-5

R.T.: 5.900 min
Delta R.T.: 0.002 min
Response: 45168796
Conc: 145.54 ng/ml



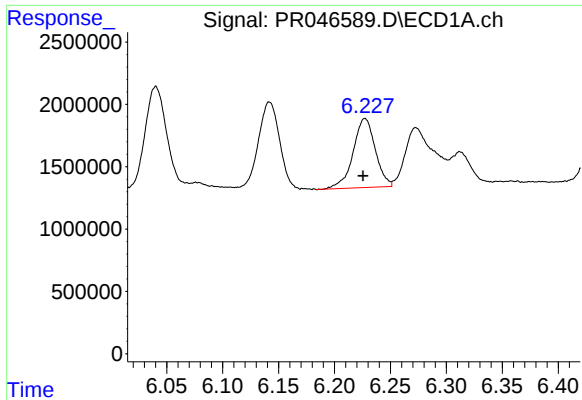
#21 AR-1248-1

R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 13119133
Conc: 357.54 ng/ml



#21 AR-1248-1

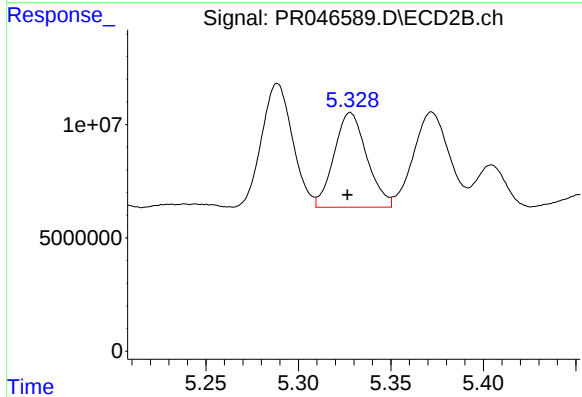
R.T.: 5.090 min
Delta R.T.: 0.002 min
Response: 84741238
Conc: 355.99 ng/ml



#22 AR-1248-2

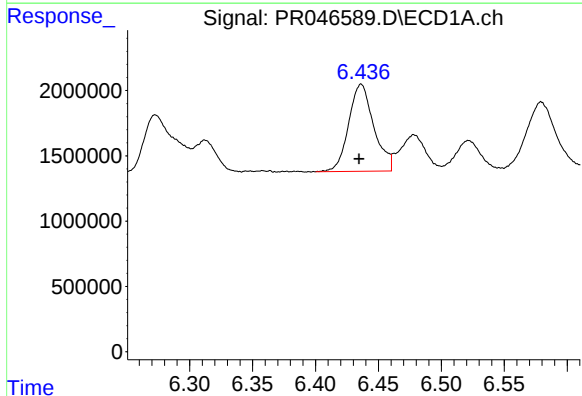
R.T.: 6.227 min
Delta R.T.: 0.002 min
Response: 7665129
Conc: 151.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



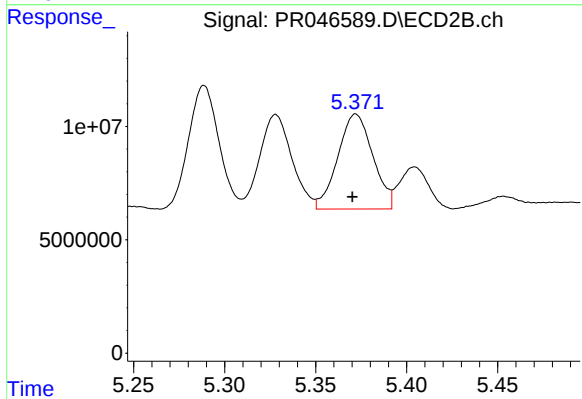
#22 AR-1248-2

R.T.: 5.328 min
Delta R.T.: 0.002 min
Response: 51403340
Conc: 161.68 ng/ml



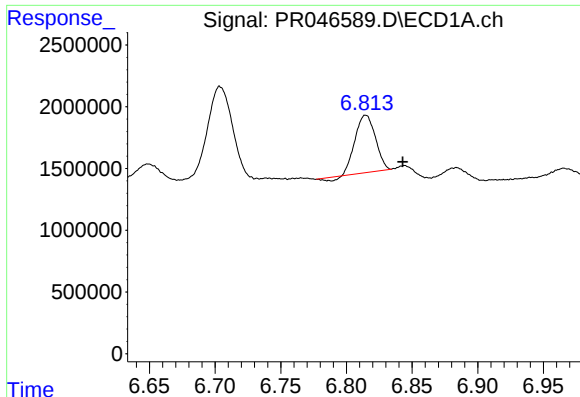
#23 AR-1248-3

R.T.: 6.436 min
Delta R.T.: 0.002 min
Response: 9289761
Conc: 159.16 ng/ml



#23 AR-1248-3

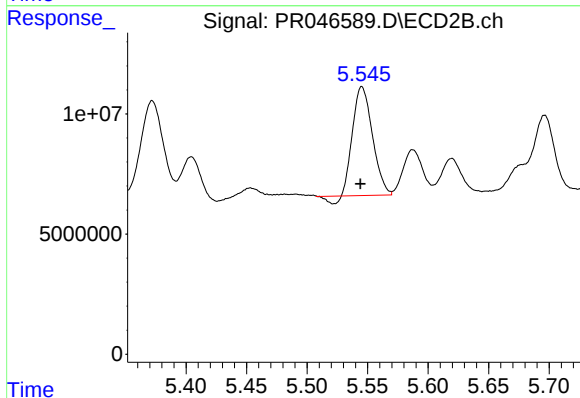
R.T.: 5.372 min
Delta R.T.: 0.002 min
Response: 56125895
Conc: 171.07 ng/ml



#24 AR-1248-4

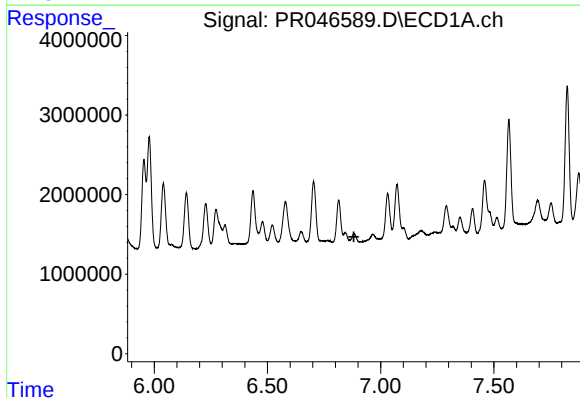
R.T.: 6.815 min
Delta R.T.: -0.028 min
Response: 4887161
Conc: 67.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



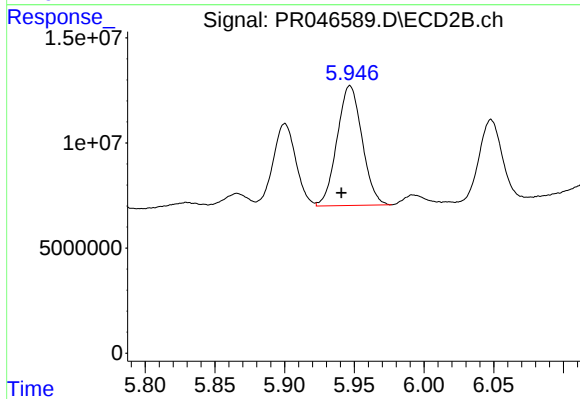
#24 AR-1248-4

R.T.: 5.545 min
Delta R.T.: 0.001 min
Response: 50564850
Conc: 118.94 ng/ml



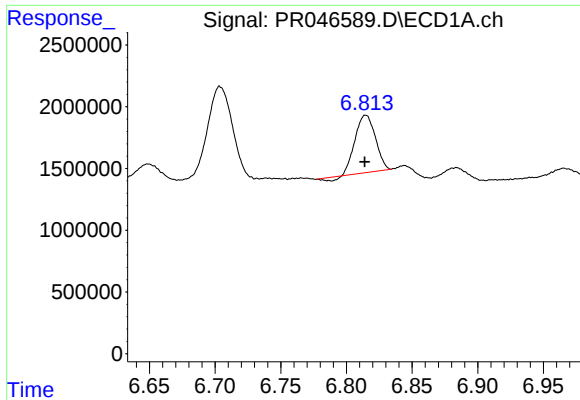
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.882 min
Response: 0
Conc: N.D.



#25 AR-1248-5

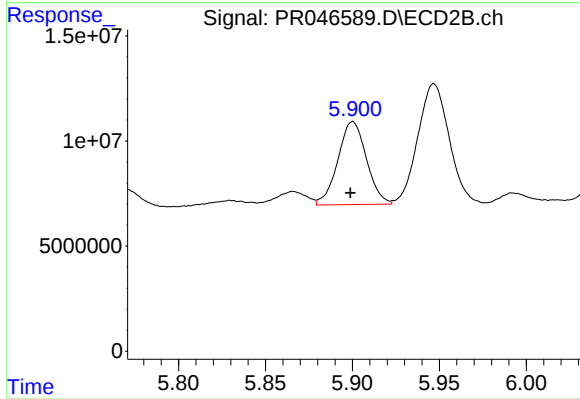
R.T.: 5.947 min
Delta R.T.: 0.006 min
Response: 71108830
Conc: 156.79 ng/ml



#26 AR-1254-1

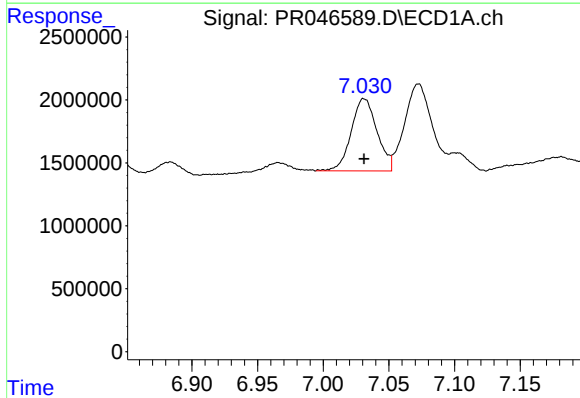
R.T.: 6.815 min
Delta R.T.: 0.000 min
Response: 4887161
Conc: 62.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



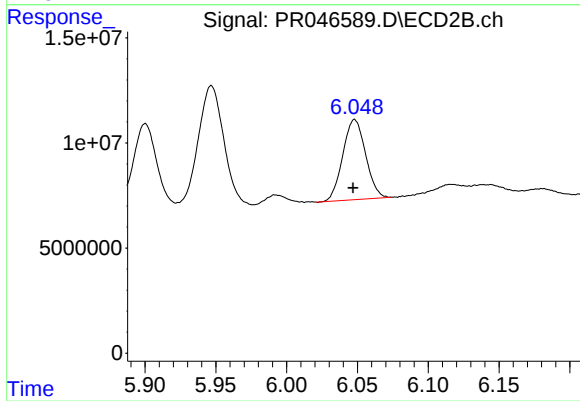
#26 AR-1254-1

R.T.: 5.900 min
Delta R.T.: 0.001 min
Response: 45168796
Conc: 60.32 ng/ml



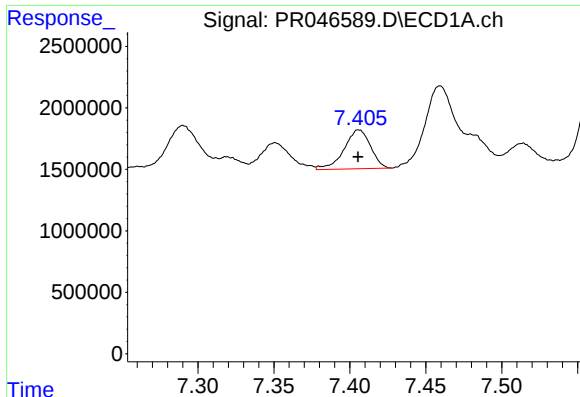
#27 AR-1254-2

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 7886757
Conc: 63.27 ng/ml



#27 AR-1254-2

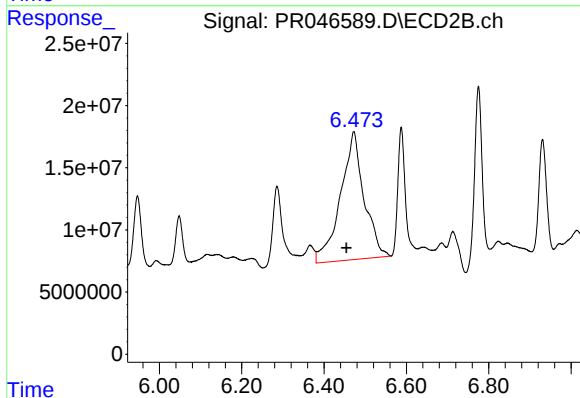
R.T.: 6.048 min
Delta R.T.: 0.001 min
Response: 42651941
Conc: 63.74 ng/ml



#28 AR-1254-3

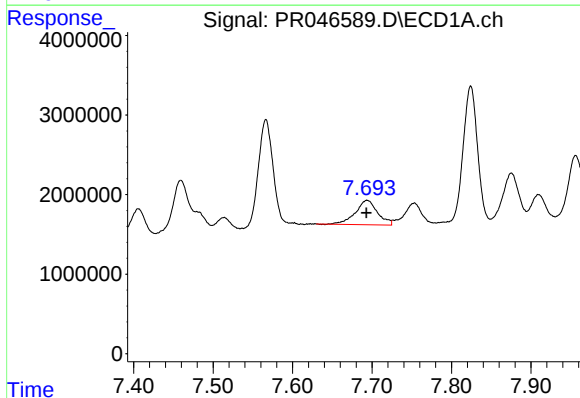
R.T.: 7.406 min
Delta R.T.: 0.000 min
Response: 3837484
Conc: 27.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



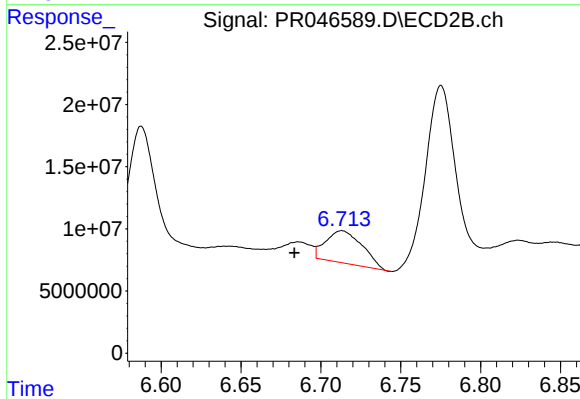
#28 AR-1254-3

R.T.: 6.472 min
Delta R.T.: 0.018 min
Response: 407841048
Conc: 345.79 ng/ml



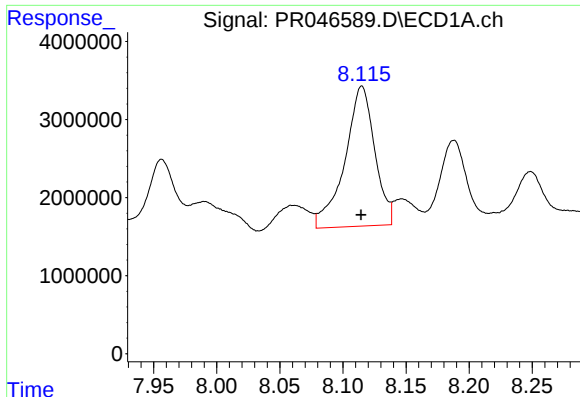
#29 AR-1254-4

R.T.: 7.694 min
Delta R.T.: 0.000 min
Response: 5975119
Conc: 56.43 ng/ml



#29 AR-1254-4

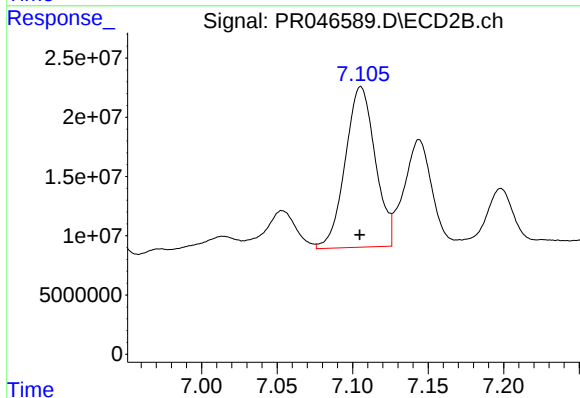
R.T.: 6.713 min
Delta R.T.: 0.030 min
Response: 41227669
Conc: 52.19 ng/ml



#30 AR-1254-5

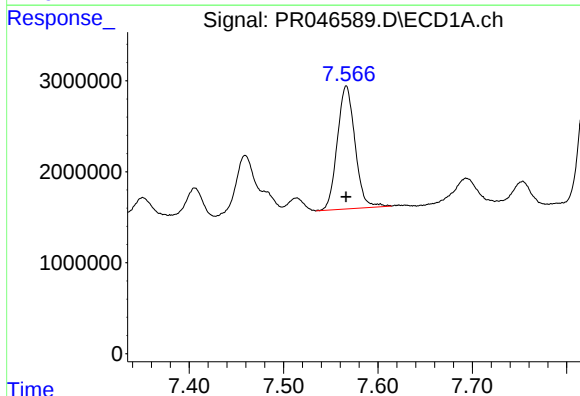
R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 29554401
Conc: 259.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



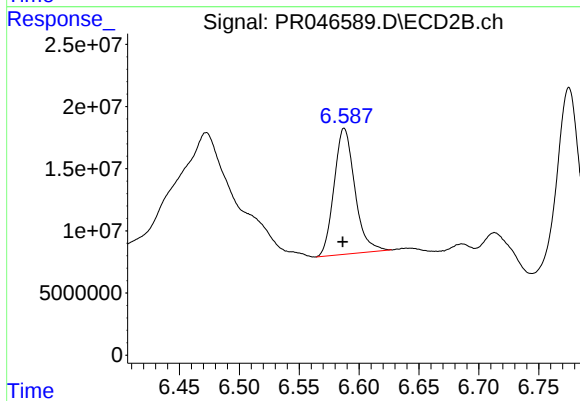
#30 AR-1254-5

R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 187151334
Conc: 175.14 ng/ml



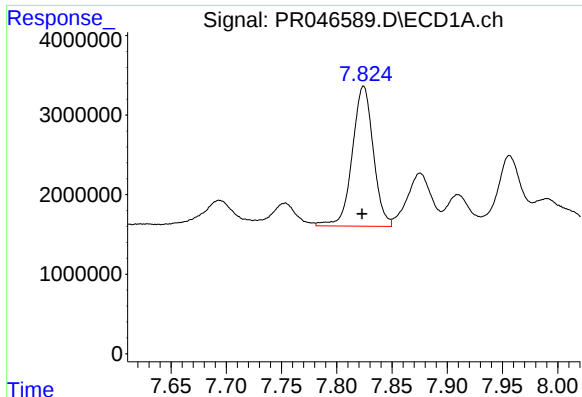
#31 AR-1260-1

R.T.: 7.566 min
Delta R.T.: 0.000 min
Response: 17613277
Conc: 179.01 ng/ml



#31 AR-1260-1

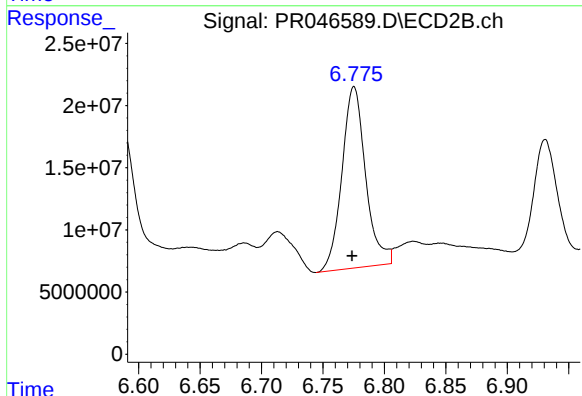
R.T.: 6.588 min
Delta R.T.: 0.001 min
Response: 121952105
Conc: 158.41 ng/ml



#32 AR-1260-2

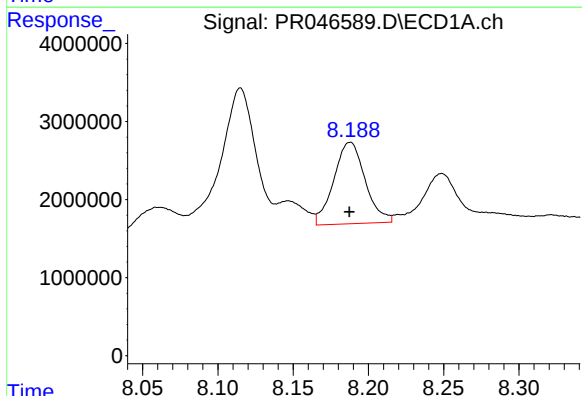
R.T.: 7.824 min
Delta R.T.: 0.001 min
Response: 23293780
Conc: 193.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



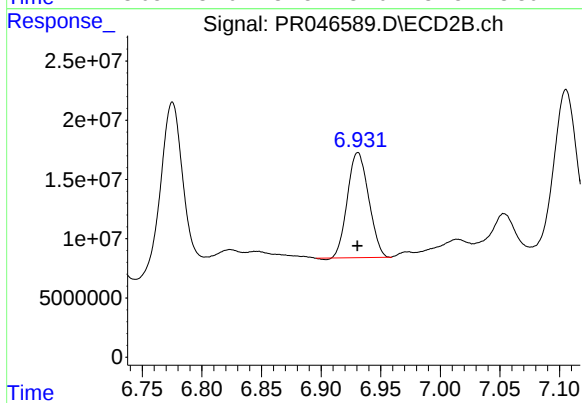
#32 AR-1260-2

R.T.: 6.775 min
Delta R.T.: 0.002 min
Response: 195732235
Conc: 201.97 ng/ml



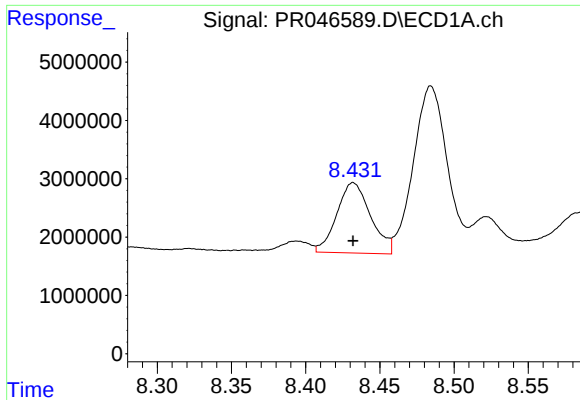
#33 AR-1260-3

R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 15164286
Conc: 166.99 ng/ml



#33 AR-1260-3

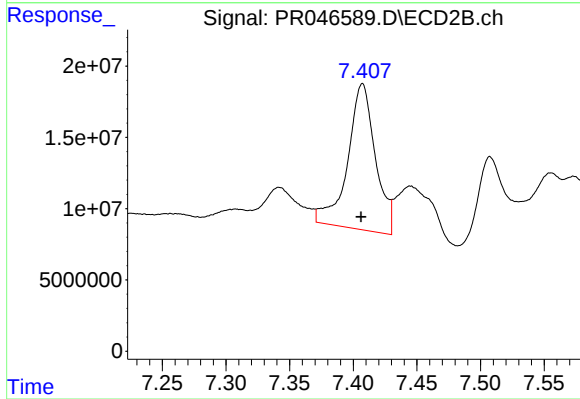
R.T.: 6.931 min
Delta R.T.: 0.000 min
Response: 109626348
Conc: 123.07 ng/ml



#34 AR-1260-4

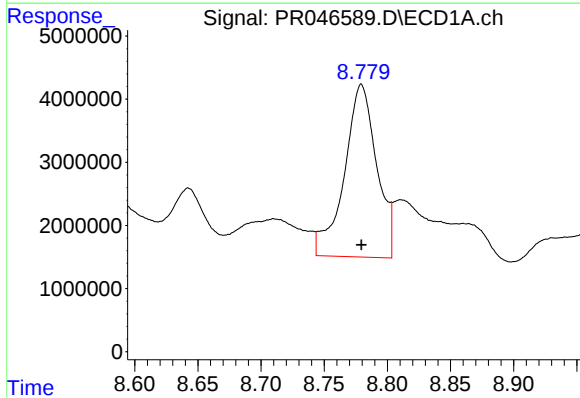
R.T.: 8.432 min
Delta R.T.: 0.000 min
Response: 19144476
Conc: 182.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



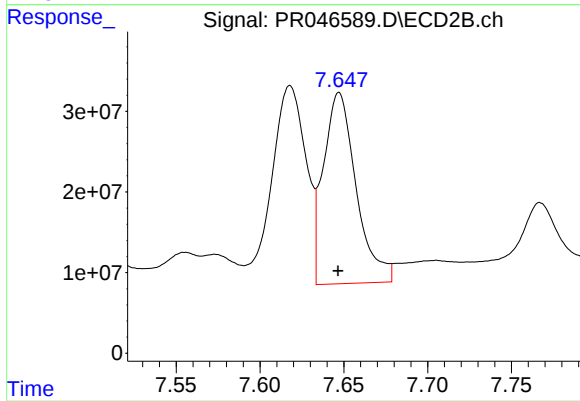
#34 AR-1260-4

R.T.: 7.407 min
Delta R.T.: 0.001 min
Response: 155926045
Conc: 210.36 ng/ml



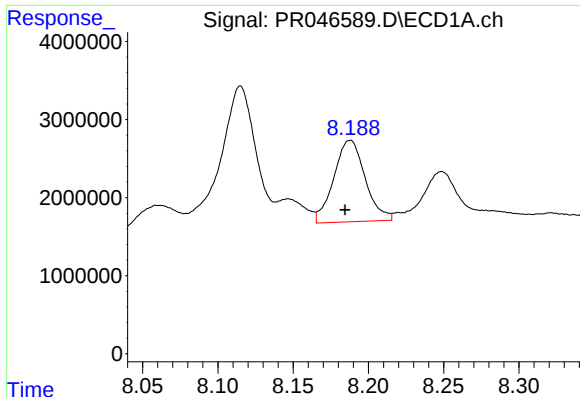
#35 AR-1260-5

R.T.: 8.779 min
Delta R.T.: 0.000 min
Response: 48738644
Conc: 216.63 ng/ml



#35 AR-1260-5

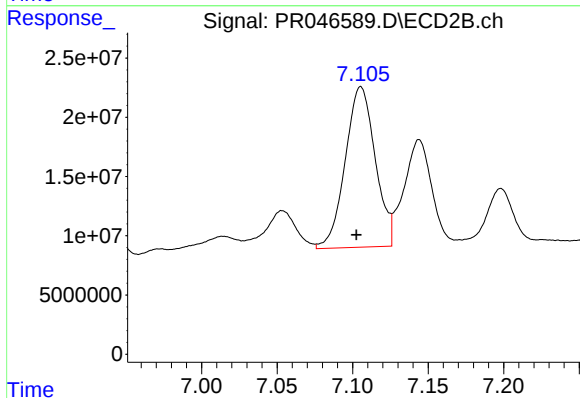
R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 321874777
Conc: 170.75 ng/ml



#36 AR-1262-1

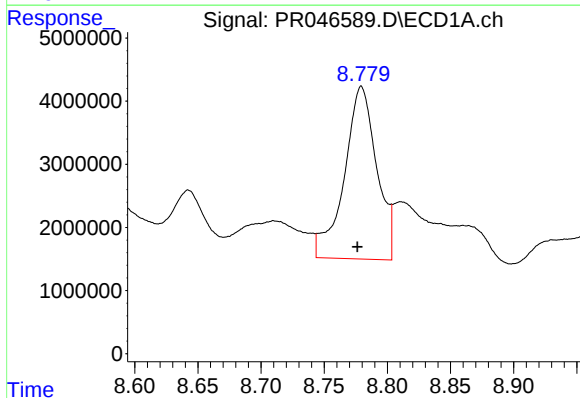
R.T.: 8.188 min
Delta R.T.: 0.003 min
Response: 15164286
Conc: 123.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



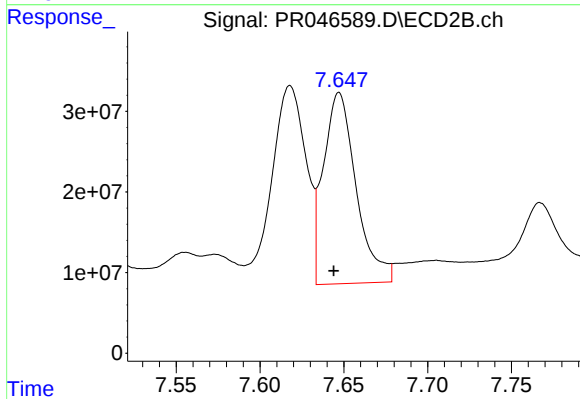
#36 AR-1262-1

R.T.: 7.105 min
Delta R.T.: 0.003 min
Response: 187151334
Conc: 353.70 ng/ml



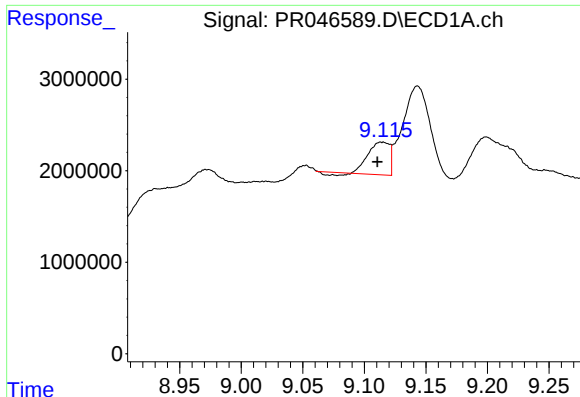
#37 AR-1262-2

R.T.: 8.779 min
Delta R.T.: 0.003 min
Response: 48738644
Conc: 204.85 ng/ml



#37 AR-1262-2

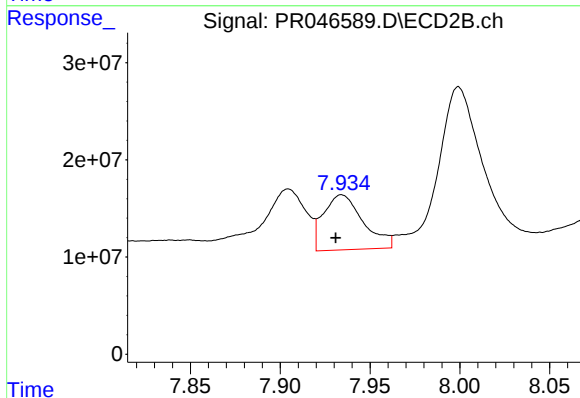
R.T.: 7.647 min
Delta R.T.: 0.003 min
Response: 321874777
Conc: 157.04 ng/ml



#38 AR-1262-3

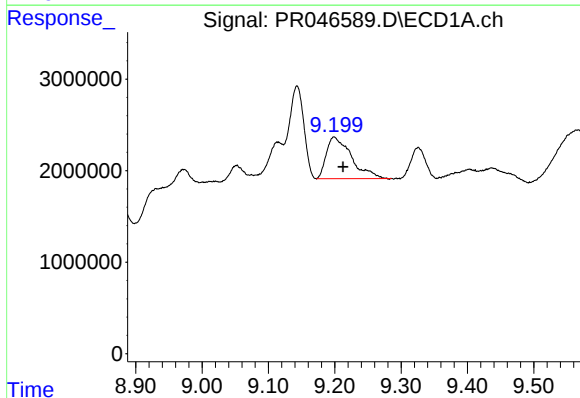
R.T.: 9.114 min
Delta R.T.: 0.004 min
Response: 4130549
Conc: 39.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



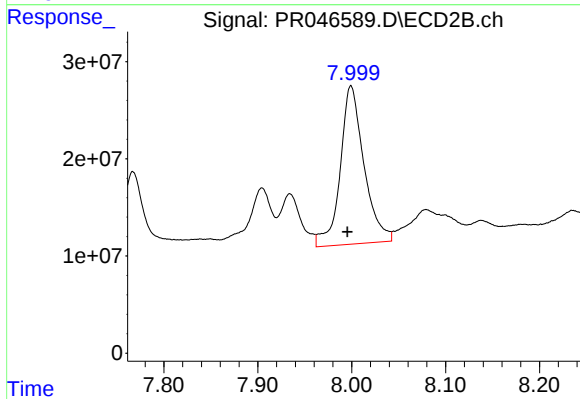
#38 AR-1262-3

R.T.: 7.934 min
Delta R.T.: 0.003 min
Response: 87201386
Conc: 107.29 ng/ml



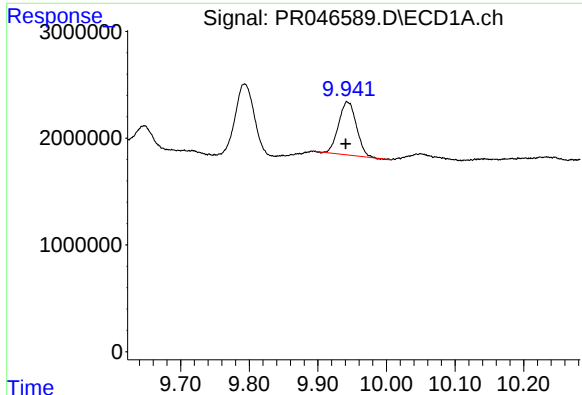
#39 AR-1262-4

R.T.: 9.199 min
Delta R.T.: -0.014 min
Response: 11850214
Conc: 96.83 ng/ml



#39 AR-1262-4

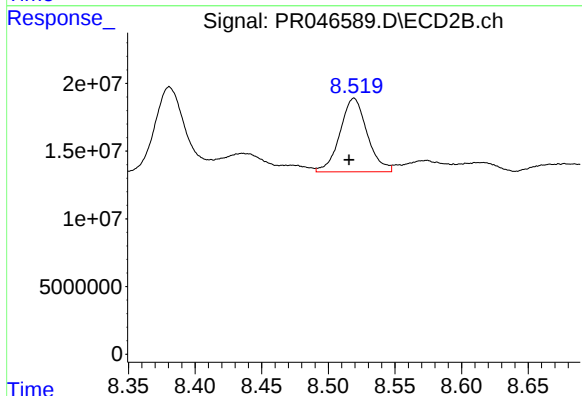
R.T.: 7.999 min
Delta R.T.: 0.004 min
Response: 286531571
Conc: 198.04 ng/ml



#40 AR-1262-5

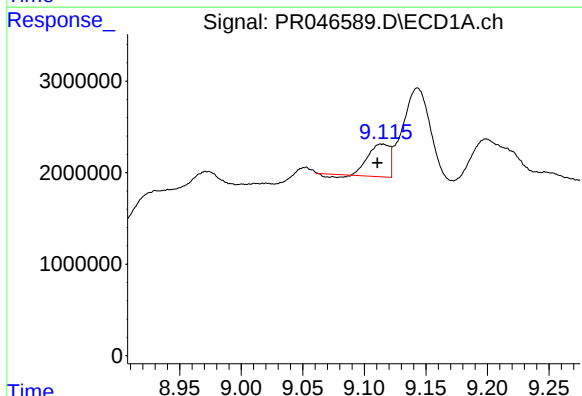
R.T.: 9.943 min
Delta R.T.: 0.002 min
Response: 8921989
Conc: 96.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



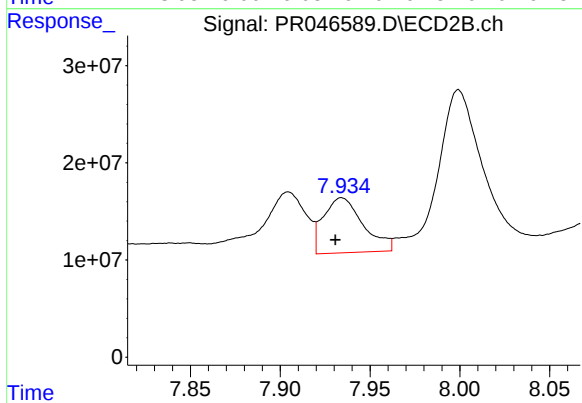
#40 AR-1262-5

R.T.: 8.519 min
Delta R.T.: 0.004 min
Response: 77258949
Conc: 113.69 ng/ml



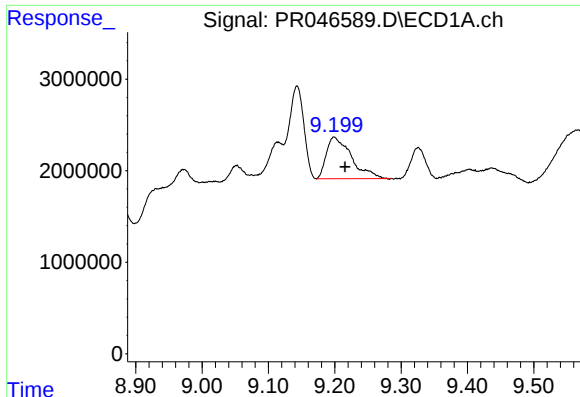
#41 AR-1268-1

R.T.: 9.114 min
Delta R.T.: 0.004 min
Response: 4130549
Conc: 14.23 ng/ml



#41 AR-1268-1

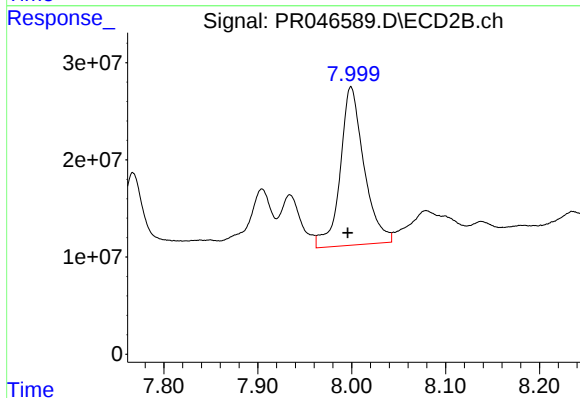
R.T.: 7.934 min
Delta R.T.: 0.003 min
Response: 87201386
Conc: 37.30 ng/ml



#42 AR-1268-2

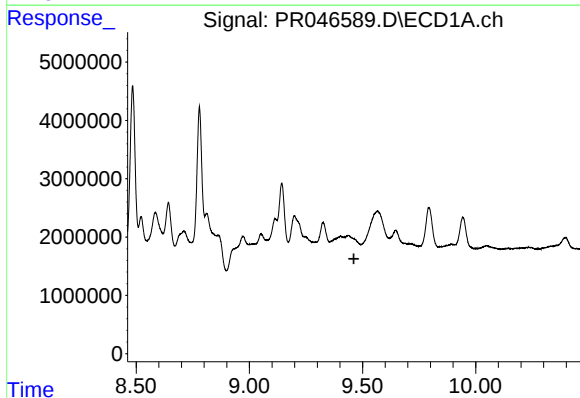
R.T.: 9.199 min
Delta R.T.: -0.017 min
Response: 11850214
Conc: 43.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



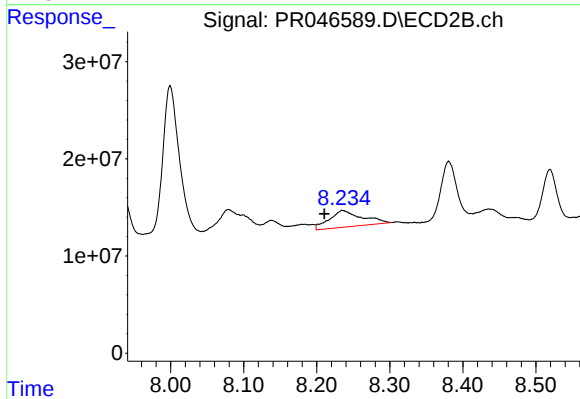
#42 AR-1268-2

R.T.: 7.999 min
Delta R.T.: 0.003 min
Response: 286531571
Conc: 129.59 ng/ml



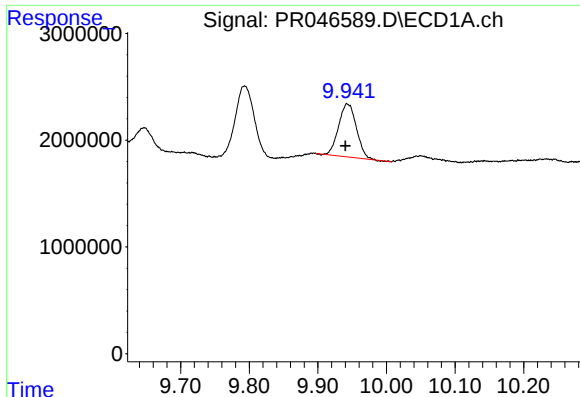
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.462 min
Response: 0
Conc: N.D.



#43 AR-1268-3

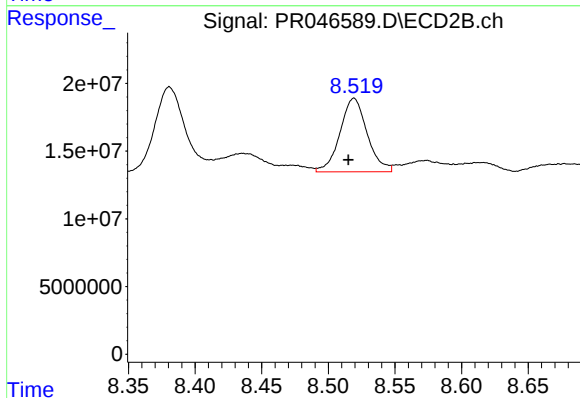
R.T.: 8.235 min
Delta R.T.: 0.025 min
Response: 52867923
Conc: 29.18 ng/ml



#44 AR-1268-4

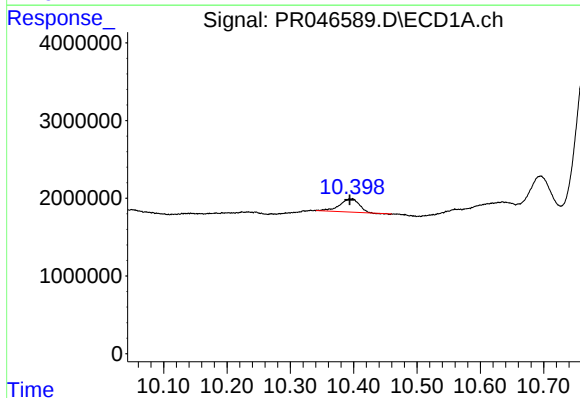
R.T.: 9.943 min
Delta R.T.: 0.003 min
Response: 8921989
Conc: 85.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



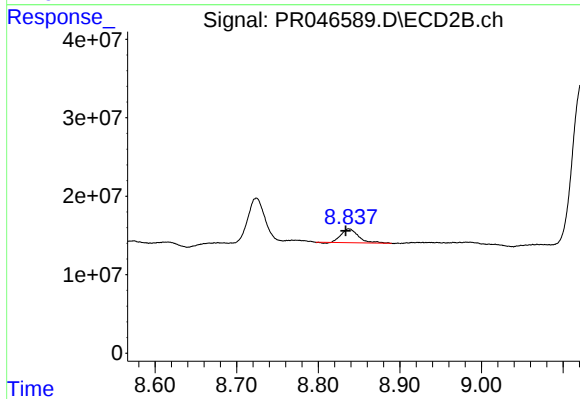
#44 AR-1268-4

R.T.: 8.519 min
Delta R.T.: 0.004 min
Response: 77258949
Conc: 100.62 ng/ml



#45 AR-1268-5

R.T.: 10.398 min
Delta R.T.: 0.004 min
Response: 3582996
Conc: 4.45 ng/ml



#45 AR-1268-5

R.T.: 8.838 min
Delta R.T.: 0.004 min
Response: 26156215
Conc: 4.71 ng/ml