

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021819\
 Data File : PR035601.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Feb 2019 07:00
 Operator : SM\SJ
 Sample : K1491-14DL 2X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 19 09:32:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR021819CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 19 04:39:32 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...	4.425	3.499	11669020	26863712	6.193	8.541 #
2)	SA Decachlor...	10.098	8.378	26870471	61262869	9.090	9.233
Target Compounds							
3)	L1 AR-1016-1	5.589	4.555	15635041	32079440	129.308	140.376
4)	L1 AR-1016-2	5.612	4.572	42909201	54861063	219.714	151.484 #
5)	L1 AR-1016-3	5.679	4.746	12934522	37826321	114.884	205.723 #
6)	L1 AR-1016-4	5.767	4.784	11999813	82533032	125.992	586.021 #
7)	L1 AR-1016-5	6.061	4.992	32270768	65480861	336.068	322.068
9)	L2 AR-1221-2	0.000	3.791	0	24185287	N.D.	739.710 #
10)	L2 AR-1221-3	4.818	3.864	3425692	5569831	57.063	48.857
11)	L3 AR-1232-1	4.818	3.864	3425692	5569831	76.132	65.190
12)	L3 AR-1232-2	5.321	4.572	27917952	54861063	1136.905	513.791 #
13)	L3 AR-1232-3	5.612	4.746	42909201	37826321	760.798	708.299
14)	L3 AR-1232-4	5.767	4.824	11999813	70063064	446.421	1452.723 #
15)	L3 AR-1232-5	5.858	4.992	40415968	65480861	2047.972	1177.053 #
16)	L4 AR-1242-1	5.589	4.555	15635041	32079440	209.522	230.278
17)	L4 AR-1242-2	5.612	4.572	42909201	54861063	365.451	254.976 #
18)	L4 AR-1242-3	5.679	4.746	12934522	37826321	189.882	339.406 #
19)	L4 AR-1242-4	5.767	4.824	11999813	70063064	211.073	642.895 #
20)	L4 AR-1242-5	6.502	5.336	28766587	220.0E6	373.704	1361.204 #
21)	L5 AR-1248-1	5.589	4.555	15635041	32079440	354.742	371.259
22)	L5 AR-1248-2	5.858	4.784	40415968	82533032	610.355	675.620
23)	L5 AR-1248-3	6.061	4.824	32270768	70063064	412.484	553.510 #
24)	L5 AR-1248-4	6.435	4.992	112.4E6	65480861	1010.533	403.839 #
25)	L5 AR-1248-5	6.502	5.375	28766587	42644183	286.775	237.278
26)	L6 AR-1254-1	6.435	5.336	112.4E6	220.0E6	1073.392	803.931 #
27)	L6 AR-1254-2	6.652	5.481	114.5E6	187.3E6	620.967	767.384
28)	L6 AR-1254-3	7.018	5.889	60420008	333.7E6	313.019	778.726 #
29)	L6 AR-1254-4	7.301	6.101	46665814	64006695	249.747	213.940
30)	L6 AR-1254-5	7.717	6.510	247.1E6	478.8E6	1328.063	1151.268
31)	L7 AR-1260-1	7.179	6.003	176.4E6	460.1E6	618.660	897.129 #
32)	L7 AR-1260-2	7.434	6.188	238.3E6	465.5E6	541.031	649.819
33)	L7 AR-1260-3	7.717	6.339	247.1E6	389.5E6	574.257	625.401
34)	L7 AR-1260-4	8.017	6.803	168.5E6	295.5E6	554.553	555.981
35)	L7 AR-1260-5	8.332	7.044	378.4E6	828.3E6	540.125	545.897
36)	L8 AR-1262-1	7.791	6.547	176.1E6	372.2E6	561.483	699.167
37)	L8 AR-1262-2	8.332	7.044	378.4E6	828.3E6	749.329	814.684
38)	L8 AR-1262-3	8.655	7.322	203.4E6	162.9E6	655.081	396.360 #
39)	L8 AR-1262-4	8.709	7.385	116.7E6	515.8E6	542.162	710.379 #
40)	L8 AR-1262-5	9.371	7.877	77024631	169.2E6	487.282	499.909
41)	L9 AR-1268-1	8.655	7.322	203.4E6	162.9E6	218.912	85.267 #
42)	L9 AR-1268-2	8.709	7.385	116.7E6	515.8E6	156.220	303.530 #

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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
43) L9	AR-1268-3	8.950	7.586	4206269	10621303	6.346	7.135
44) L9	AR-1268-4	9.371	7.877	77024631	169.2E6	294.916	296.597
45) L9	AR-1268-5	9.772	8.147	18374943	42425703	9.573	9.759

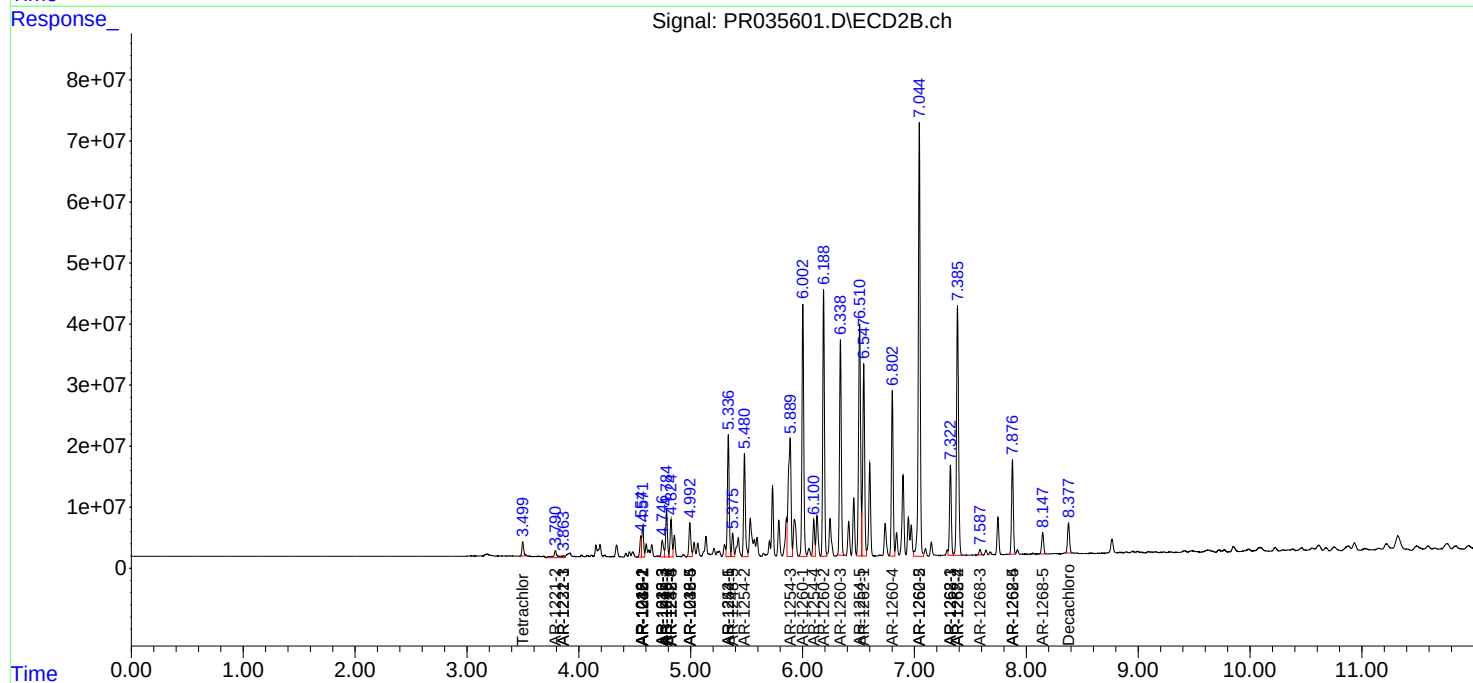
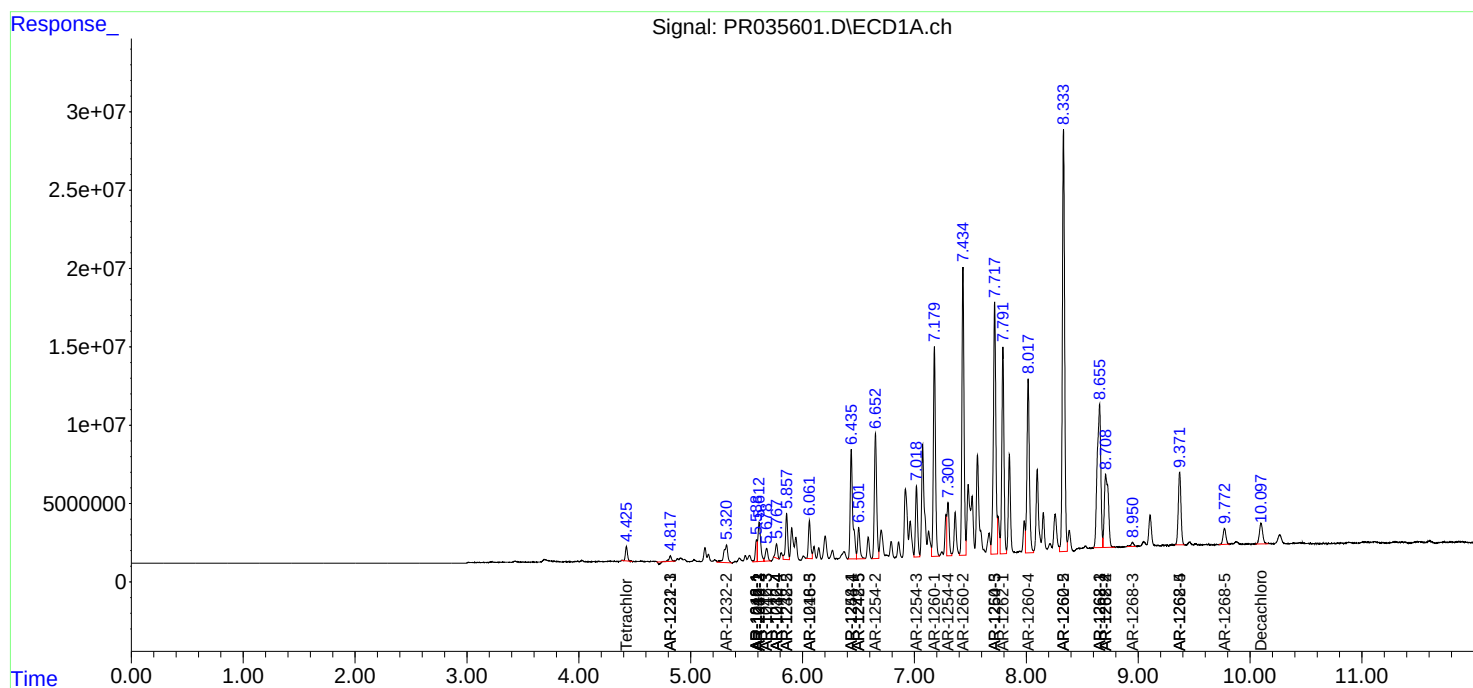
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

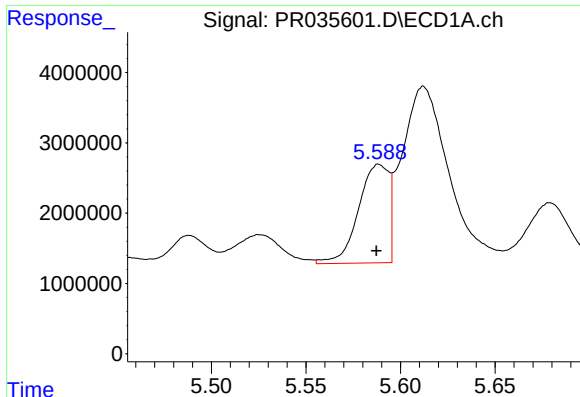
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

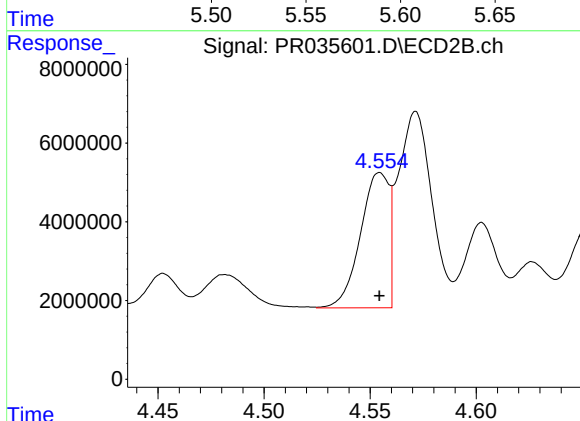




#3 AR-1016-1

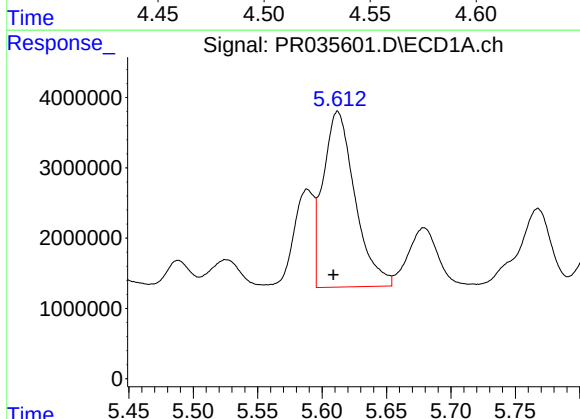
R.T.: 5.589 min
Delta R.T.: 0.001 min
Response: 15635041
Conc: 129.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



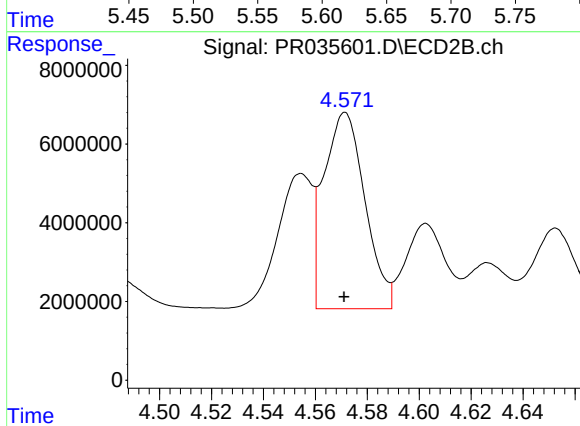
#3 AR-1016-1

R.T.: 4.555 min
Delta R.T.: 0.000 min
Response: 32079440
Conc: 140.38 ng/ml



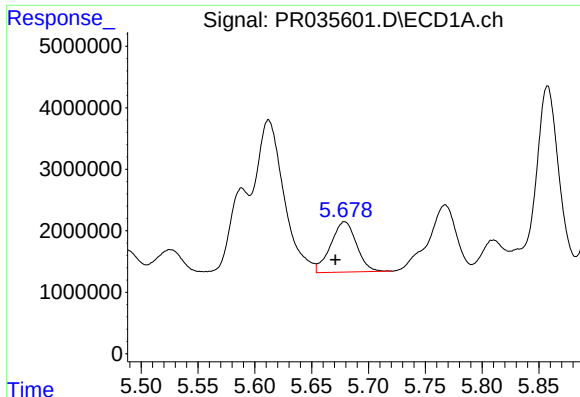
#4 AR-1016-2

R.T.: 5.612 min
Delta R.T.: 0.003 min
Response: 42909201
Conc: 219.71 ng/ml



#4 AR-1016-2

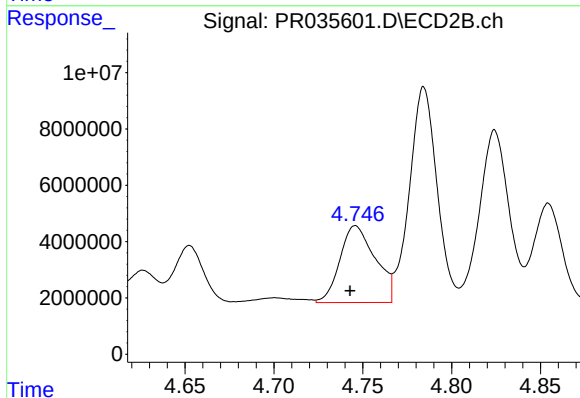
R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 54861063
Conc: 151.48 ng/ml



#5 AR-1016-3

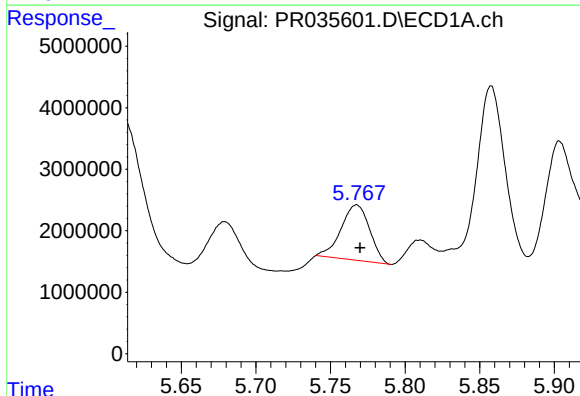
R.T.: 5.679 min
Delta R.T.: 0.008 min
Response: 12934522
Conc: 114.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



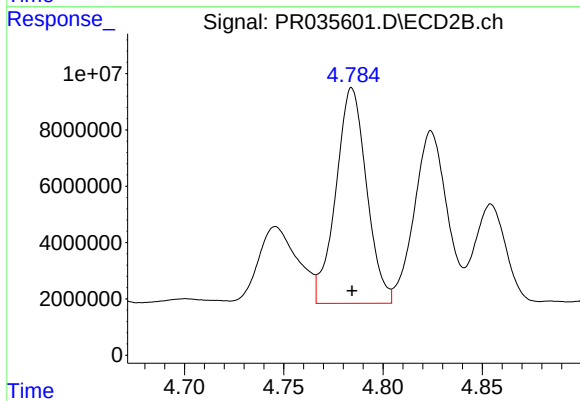
#5 AR-1016-3

R.T.: 4.746 min
Delta R.T.: 0.003 min
Response: 37826321
Conc: 205.72 ng/ml



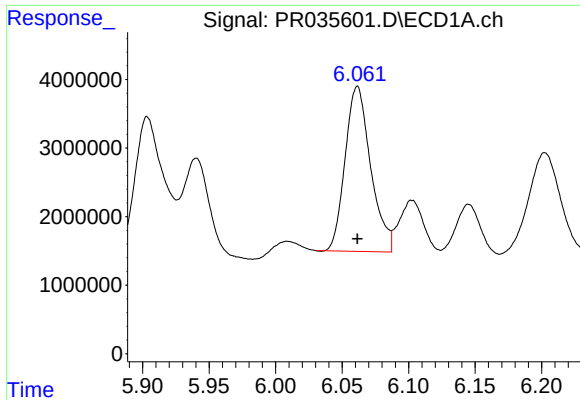
#6 AR-1016-4

R.T.: 5.767 min
Delta R.T.: -0.002 min
Response: 11999813
Conc: 125.99 ng/ml



#6 AR-1016-4

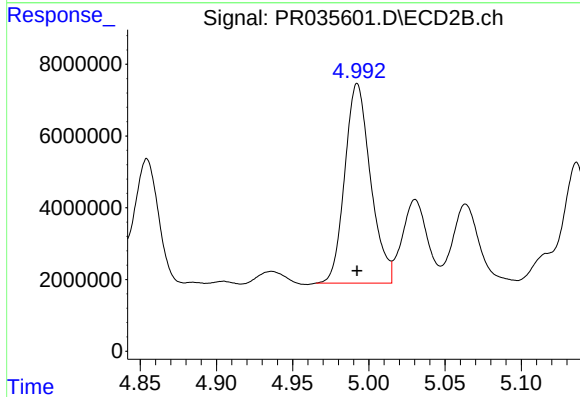
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 82533032
Conc: 586.02 ng/ml



#7 AR-1016-5

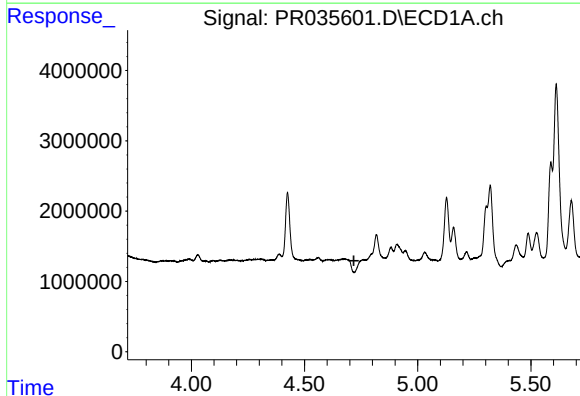
R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 32270768
Conc: 336.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



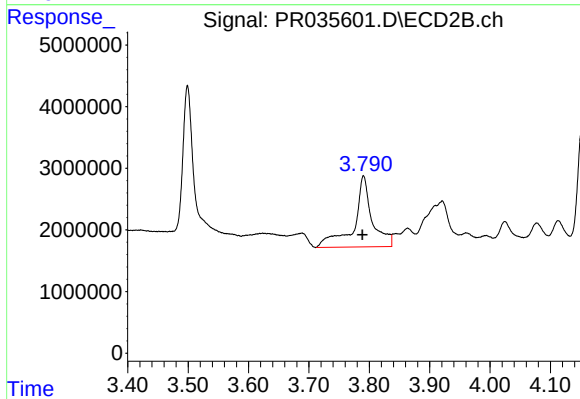
#7 AR-1016-5

R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 65480861
Conc: 322.07 ng/ml



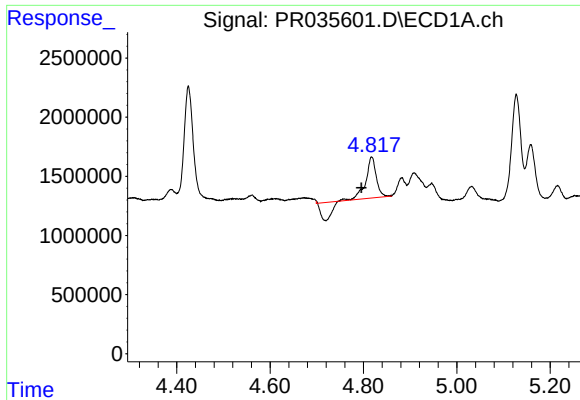
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.718 min
Response: 0
Conc: N.D.



#9 AR-1221-2

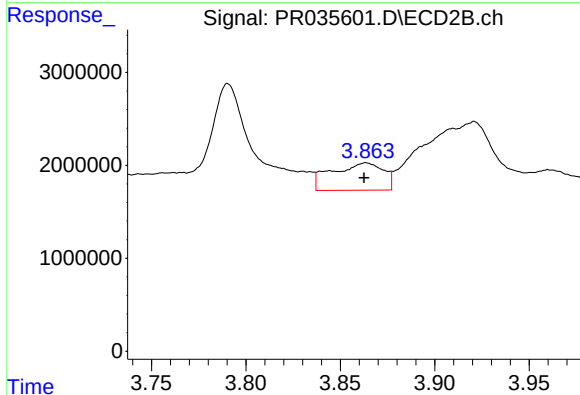
R.T.: 3.791 min
Delta R.T.: 0.002 min
Response: 24185287
Conc: 739.71 ng/ml



#10 AR-1221-3

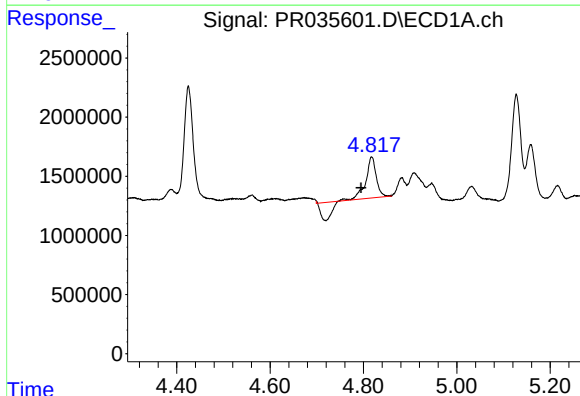
R.T.: 4.818 min
Delta R.T.: 0.022 min
Response: 3425692
Conc: 57.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



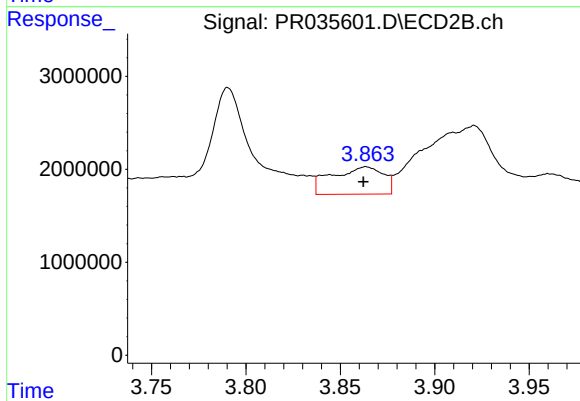
#10 AR-1221-3

R.T.: 3.864 min
Delta R.T.: 0.001 min
Response: 5569831
Conc: 48.86 ng/ml



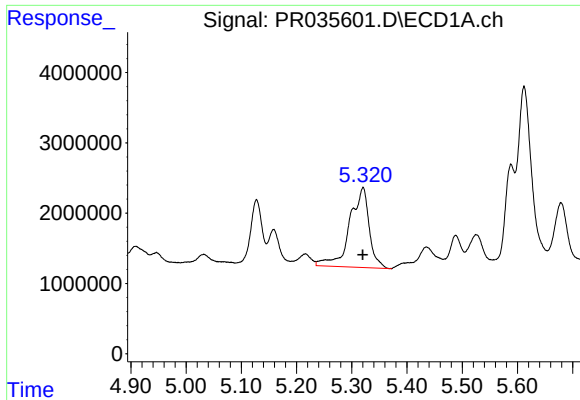
#11 AR-1232-1

R.T.: 4.818 min
Delta R.T.: 0.023 min
Response: 3425692
Conc: 76.13 ng/ml



#11 AR-1232-1

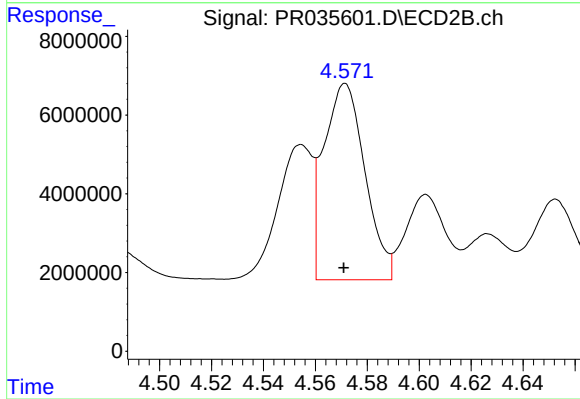
R.T.: 3.864 min
Delta R.T.: 0.001 min
Response: 5569831
Conc: 65.19 ng/ml



#12 AR-1232-2

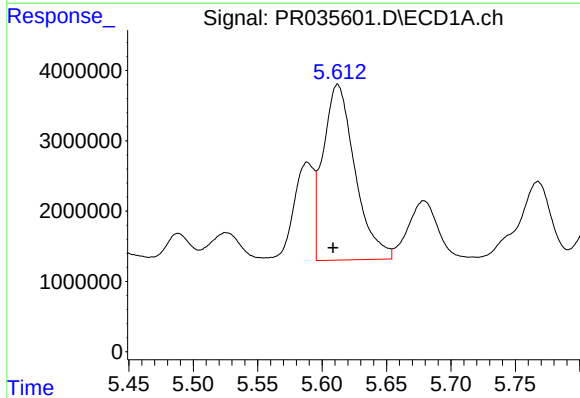
R.T.: 5.321 min
Delta R.T.: 0.000 min
Response: 27917952
Conc: 1136.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



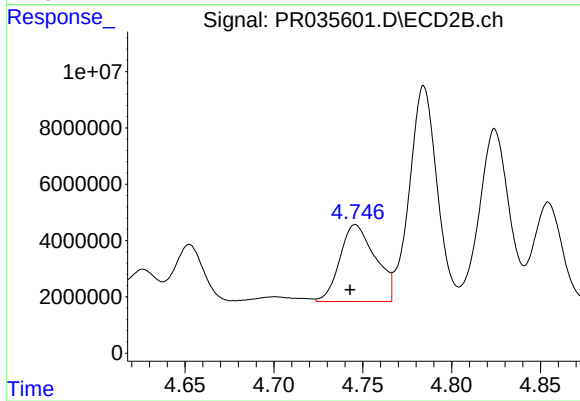
#12 AR-1232-2

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 54861063
Conc: 513.79 ng/ml



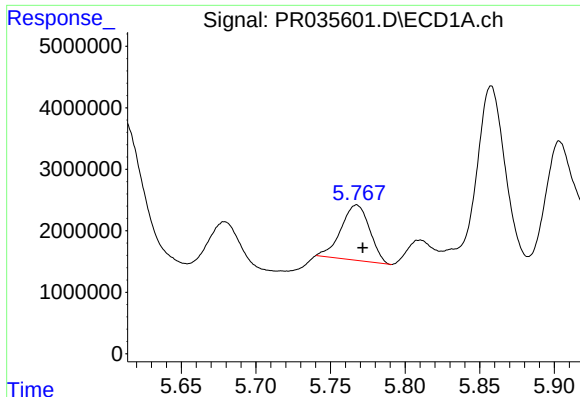
#13 AR-1232-3

R.T.: 5.612 min
Delta R.T.: 0.004 min
Response: 42909201
Conc: 760.80 ng/ml



#13 AR-1232-3

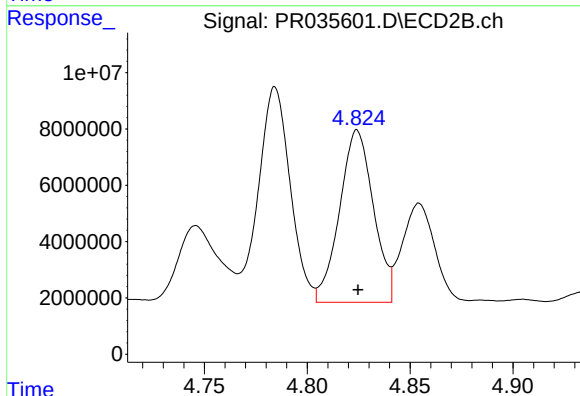
R.T.: 4.746 min
Delta R.T.: 0.003 min
Response: 37826321
Conc: 708.30 ng/ml



#14 AR-1232-4

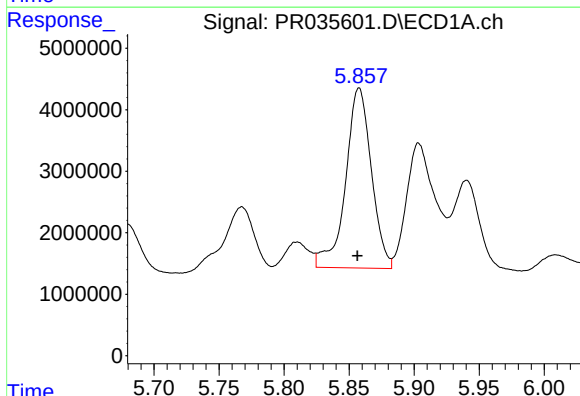
R.T.: 5.767 min
Delta R.T.: -0.004 min
Response: 11999813
Conc: 446.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



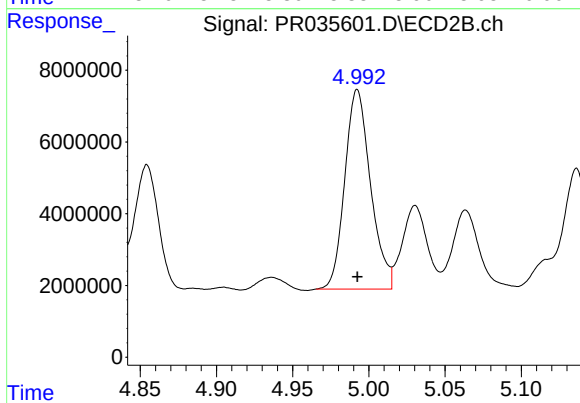
#14 AR-1232-4

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 70063064
Conc: 1452.72 ng/ml



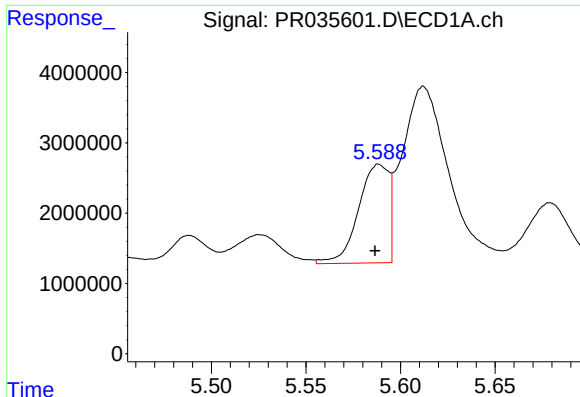
#15 AR-1232-5

R.T.: 5.858 min
Delta R.T.: 0.001 min
Response: 40415968
Conc: 2047.97 ng/ml



#15 AR-1232-5

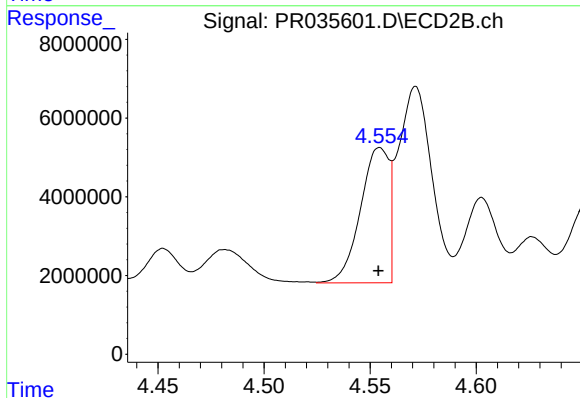
R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 65480861
Conc: 1177.05 ng/ml



#16 AR-1242-1

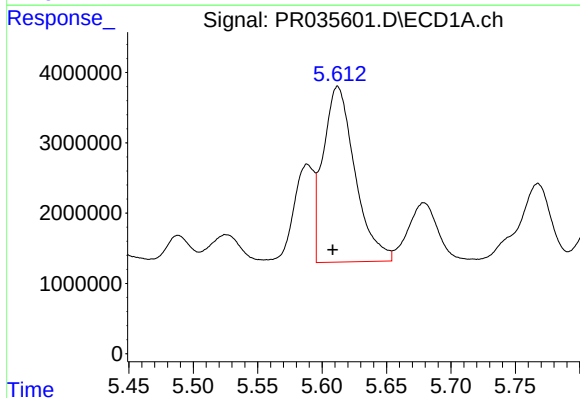
R.T.: 5.589 min
Delta R.T.: 0.002 min
Response: 15635041
Conc: 209.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



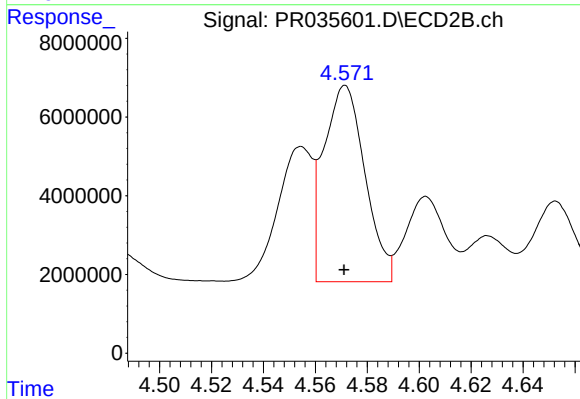
#16 AR-1242-1

R.T.: 4.555 min
Delta R.T.: 0.000 min
Response: 32079440
Conc: 230.28 ng/ml



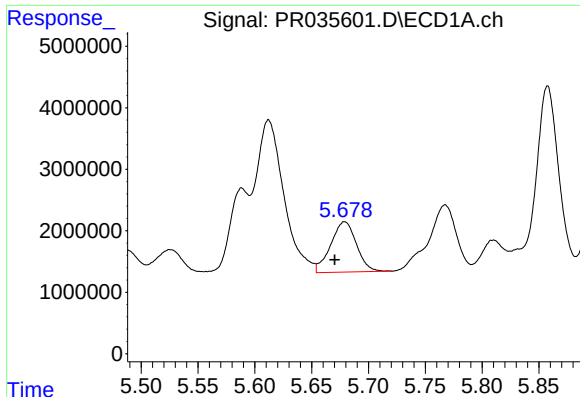
#17 AR-1242-2

R.T.: 5.612 min
Delta R.T.: 0.004 min
Response: 42909201
Conc: 365.45 ng/ml



#17 AR-1242-2

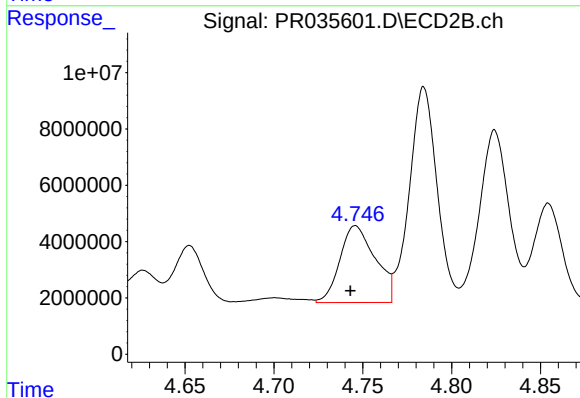
R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 54861063
Conc: 254.98 ng/ml



#18 AR-1242-3

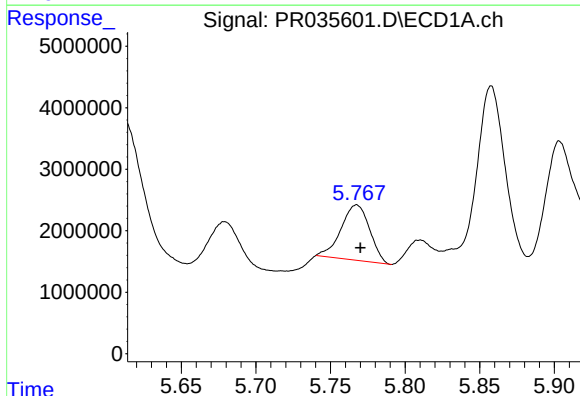
R.T.: 5.679 min
Delta R.T.: 0.009 min
Response: 12934522
Conc: 189.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



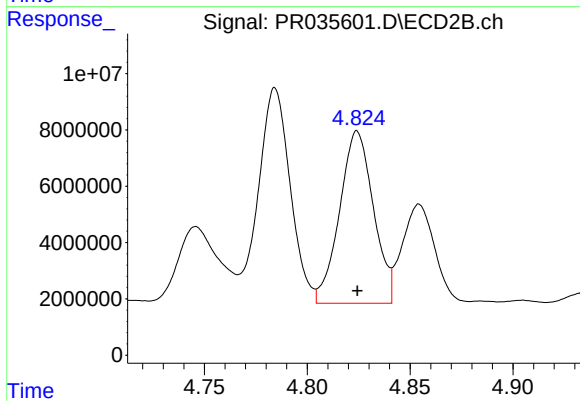
#18 AR-1242-3

R.T.: 4.746 min
Delta R.T.: 0.003 min
Response: 37826321
Conc: 339.41 ng/ml



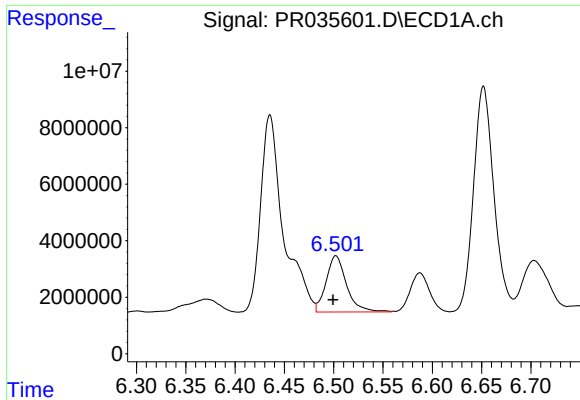
#19 AR-1242-4

R.T.: 5.767 min
Delta R.T.: -0.003 min
Response: 11999813
Conc: 211.07 ng/ml



#19 AR-1242-4

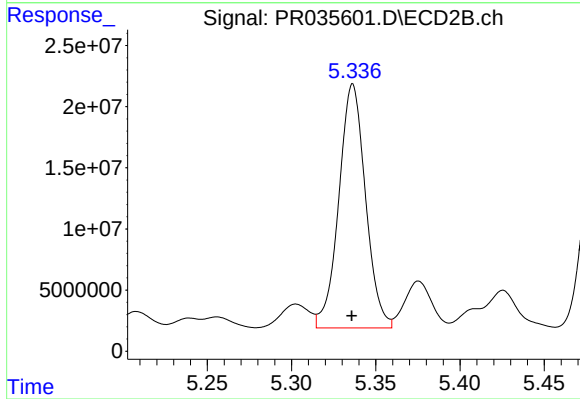
R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 70063064
Conc: 642.90 ng/ml



#20 AR-1242-5

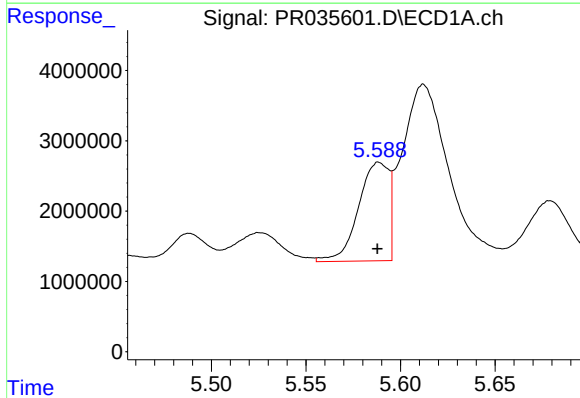
R.T.: 6.502 min
Delta R.T.: 0.003 min
Response: 28766587
Conc: 373.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



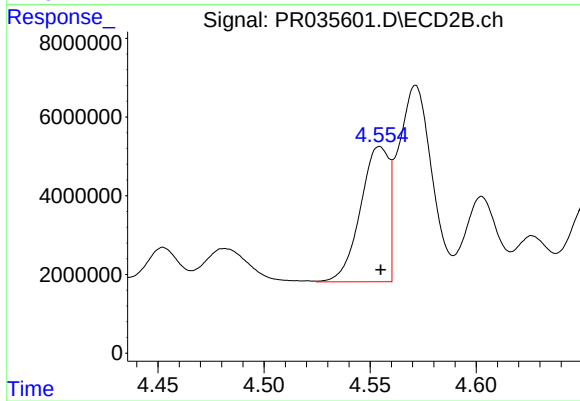
#20 AR-1242-5

R.T.: 5.336 min
Delta R.T.: 0.000 min
Response: 219993195
Conc: 1361.20 ng/ml



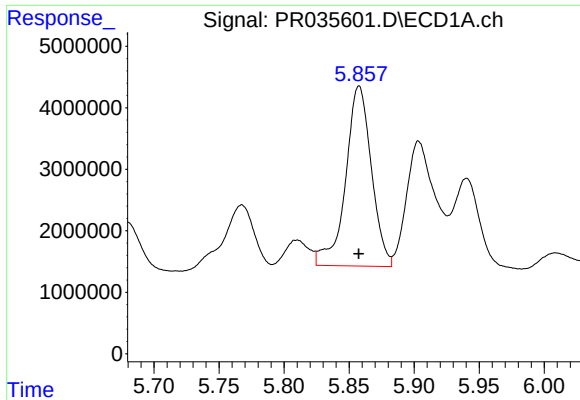
#21 AR-1248-1

R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 15635041
Conc: 354.74 ng/ml



#21 AR-1248-1

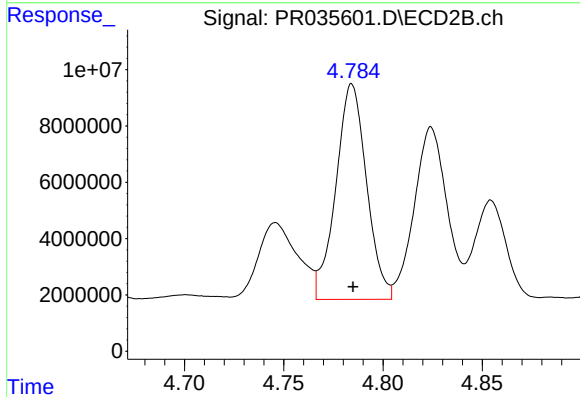
R.T.: 4.555 min
Delta R.T.: 0.000 min
Response: 32079440
Conc: 371.26 ng/ml



#22 AR-1248-2

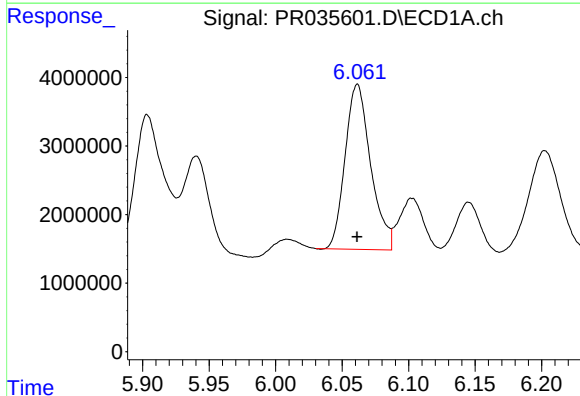
R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 40415968
Conc: 610.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



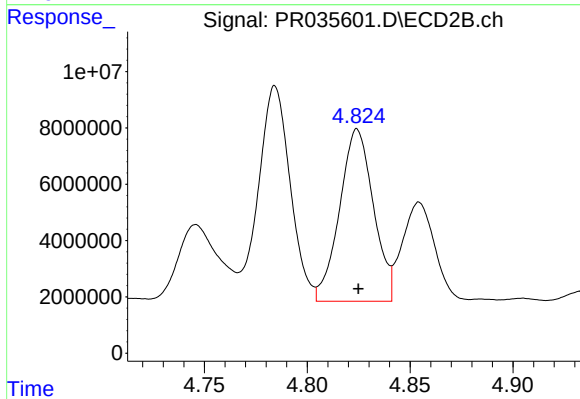
#22 AR-1248-2

R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 82533032
Conc: 675.62 ng/ml



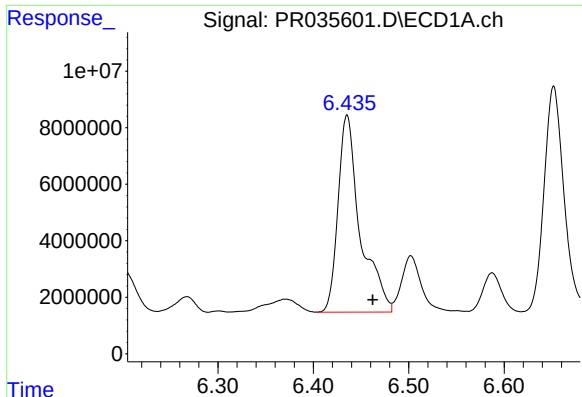
#23 AR-1248-3

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 32270768
Conc: 412.48 ng/ml



#23 AR-1248-3

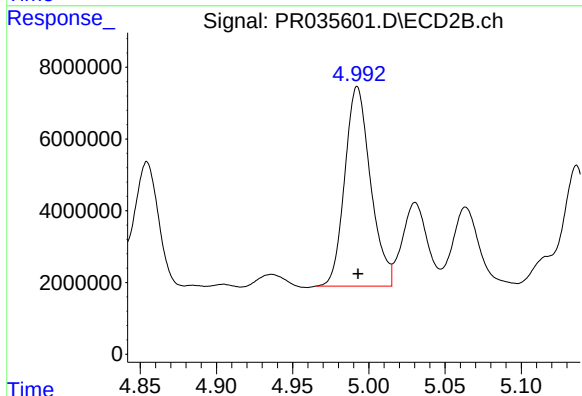
R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 70063064
Conc: 553.51 ng/ml



#24 AR-1248-4

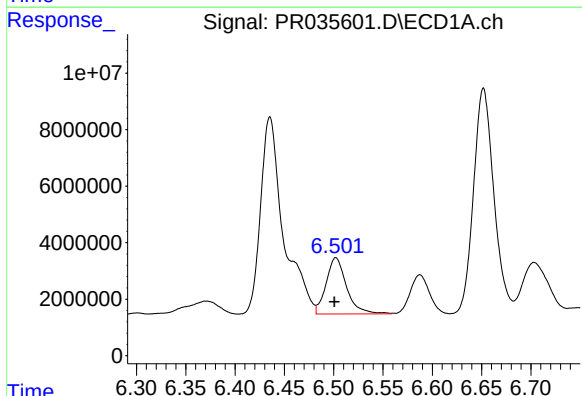
R.T.: 6.435 min
Delta R.T.: -0.027 min
Response: 112421445
Conc: 1010.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



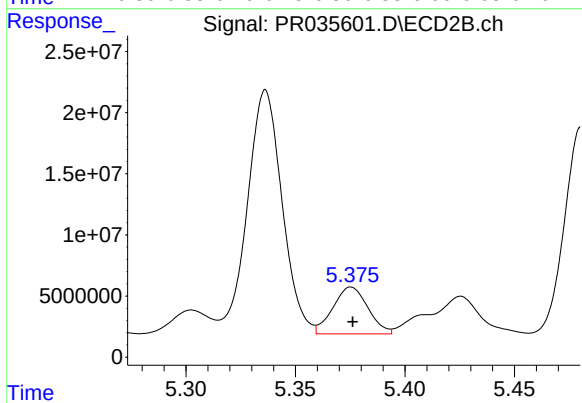
#24 AR-1248-4

R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 65480861
Conc: 403.84 ng/ml



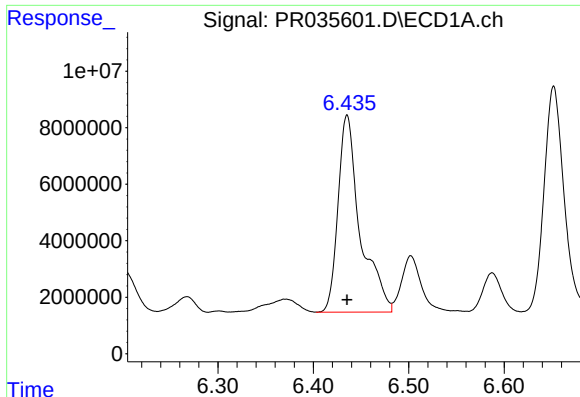
#25 AR-1248-5

R.T.: 6.502 min
Delta R.T.: 0.002 min
Response: 28766587
Conc: 286.77 ng/ml



#25 AR-1248-5

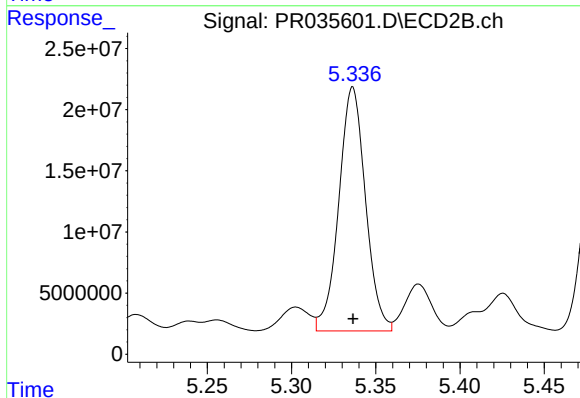
R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 42644183
Conc: 237.28 ng/ml



#26 AR-1254-1

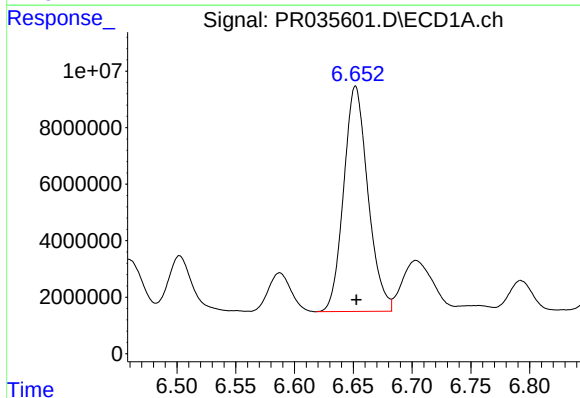
R.T.: 6.435 min
Delta R.T.: 0.000 min
Response: 112421445
Conc: 1073.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



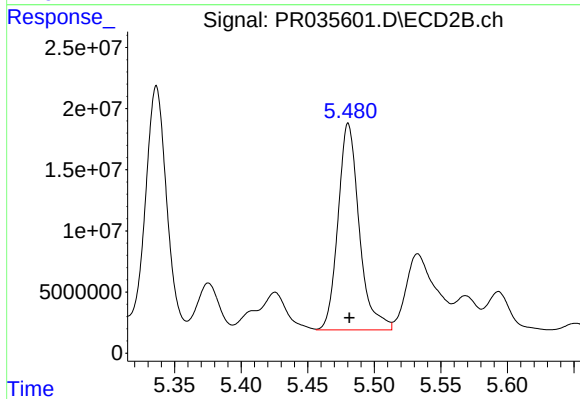
#26 AR-1254-1

R.T.: 5.336 min
Delta R.T.: 0.000 min
Response: 219993195
Conc: 803.93 ng/ml



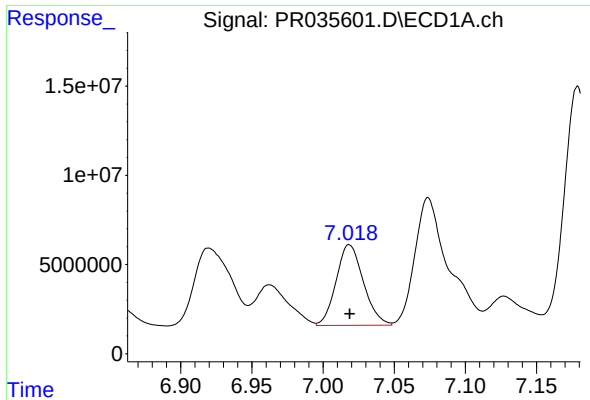
#27 AR-1254-2

R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 114460552
Conc: 620.97 ng/ml



#27 AR-1254-2

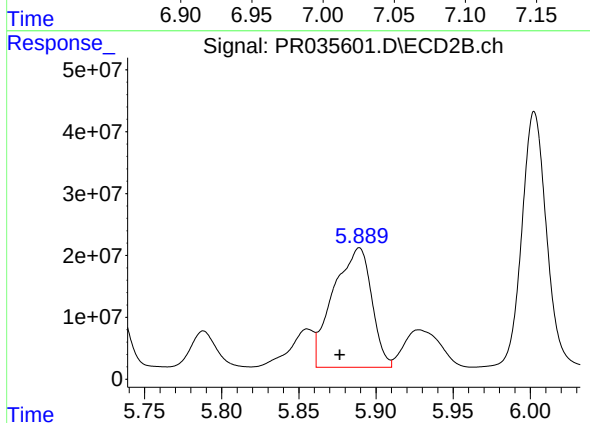
R.T.: 5.481 min
Delta R.T.: 0.000 min
Response: 187317925
Conc: 767.38 ng/ml



#28 AR-1254-3

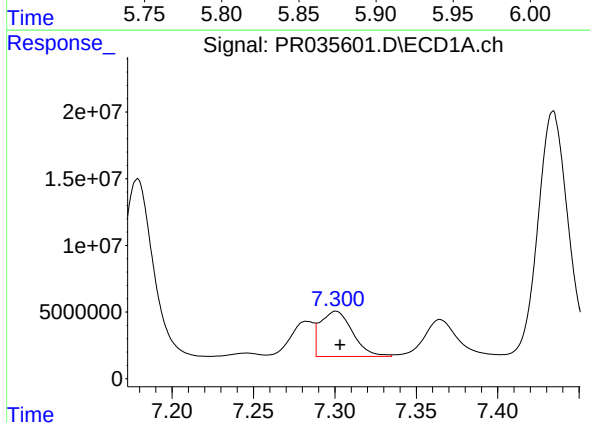
R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 60420008
Conc: 313.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



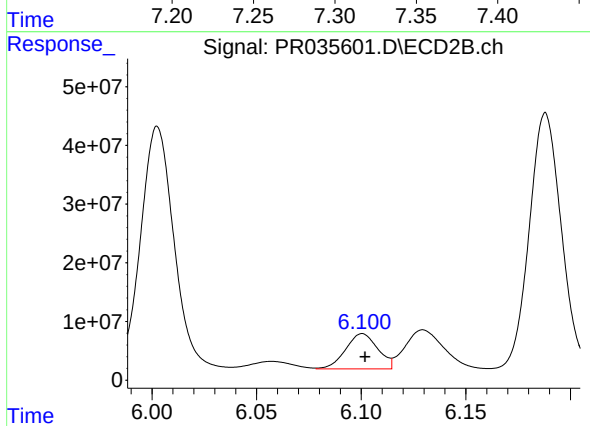
#28 AR-1254-3

R.T.: 5.889 min
Delta R.T.: 0.013 min
Response: 333703190
Conc: 778.73 ng/ml



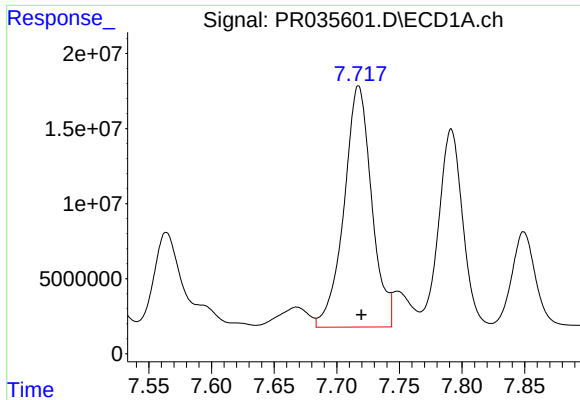
#29 AR-1254-4

R.T.: 7.301 min
Delta R.T.: -0.002 min
Response: 46665814
Conc: 249.75 ng/ml



#29 AR-1254-4

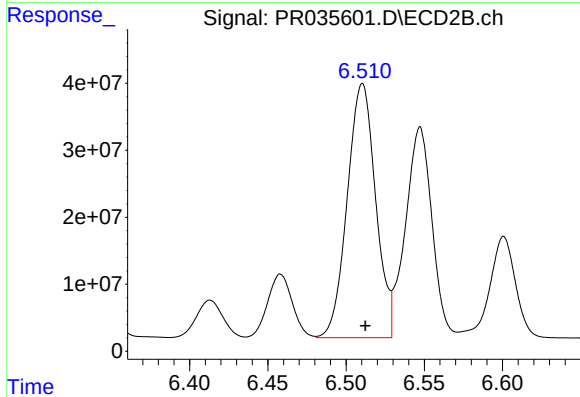
R.T.: 6.101 min
Delta R.T.: -0.001 min
Response: 64006695
Conc: 213.94 ng/ml



#30 AR-1254-5

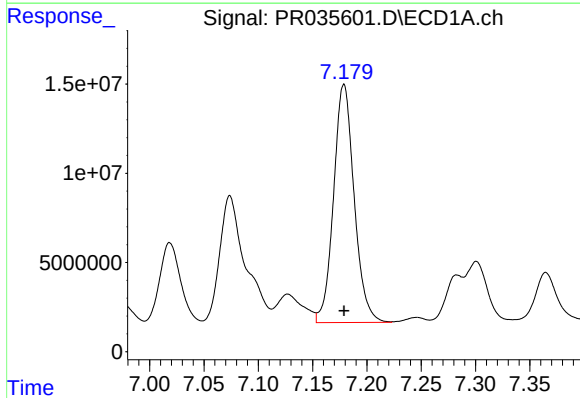
R.T.: 7.717 min
Delta R.T.: -0.002 min
Response: 247127766
Conc: 1328.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



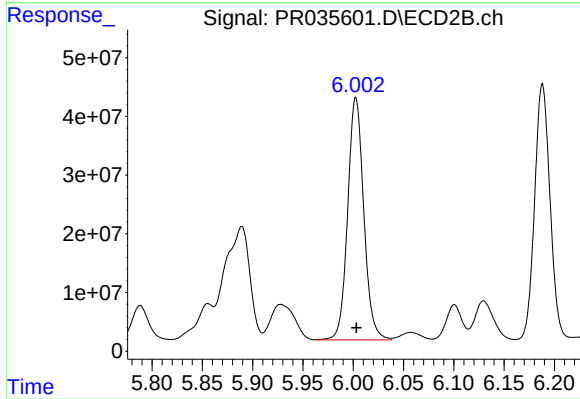
#30 AR-1254-5

R.T.: 6.510 min
Delta R.T.: -0.002 min
Response: 478768448
Conc: 1151.27 ng/ml



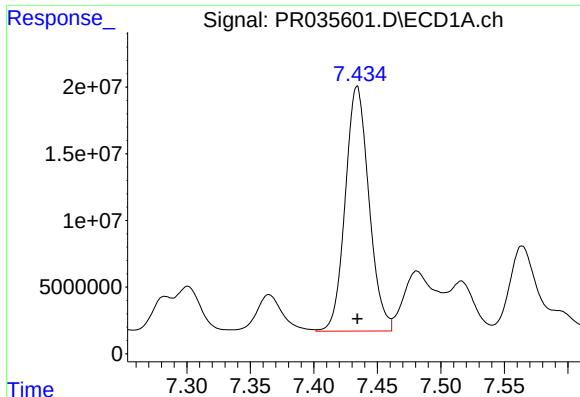
#31 AR-1260-1

R.T.: 7.179 min
Delta R.T.: 0.000 min
Response: 176355687
Conc: 618.66 ng/ml



#31 AR-1260-1

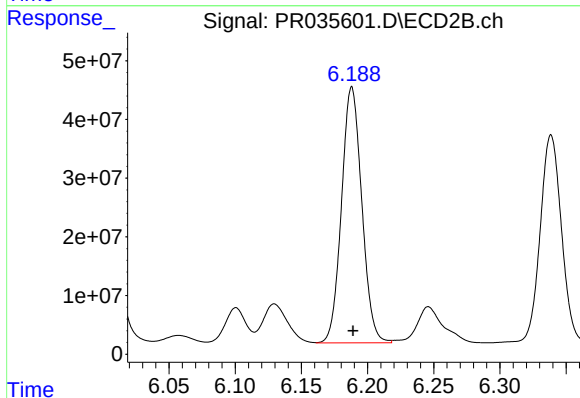
R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 460055251
Conc: 897.13 ng/ml



#32 AR-1260-2

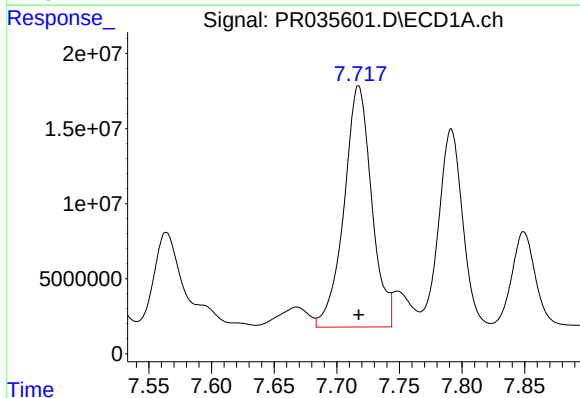
R.T.: 7.434 min
Delta R.T.: 0.000 min
Response: 238314093
Conc: 541.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



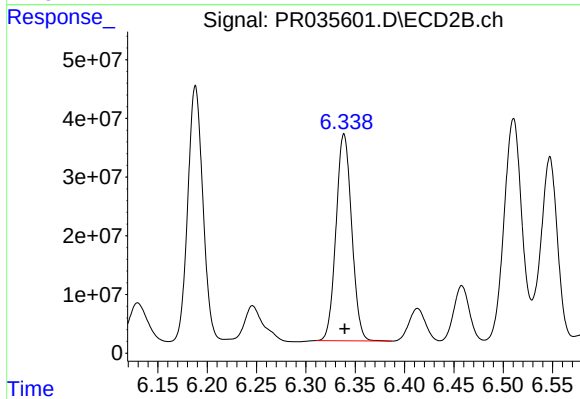
#32 AR-1260-2

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 465455247
Conc: 649.82 ng/ml



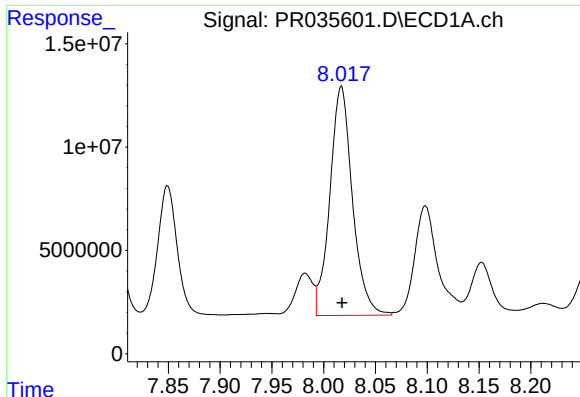
#33 AR-1260-3

R.T.: 7.717 min
Delta R.T.: 0.000 min
Response: 247127766
Conc: 574.26 ng/ml



#33 AR-1260-3

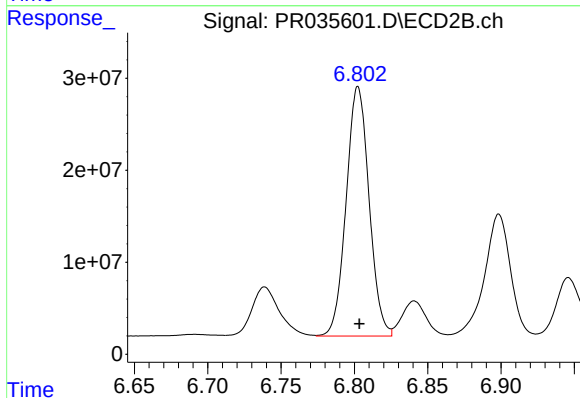
R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 389459783
Conc: 625.40 ng/ml



#34 AR-1260-4

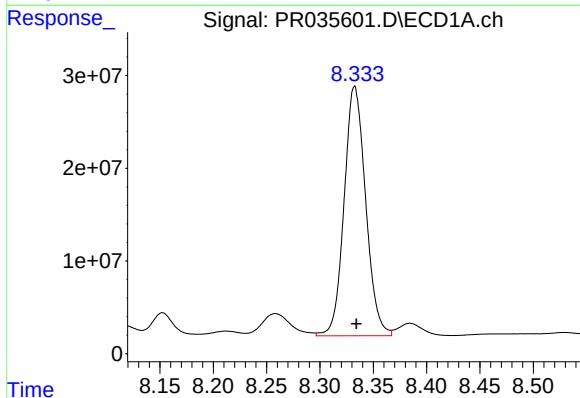
R.T.: 8.017 min
Delta R.T.: 0.000 min
Response: 168499538
Conc: 554.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



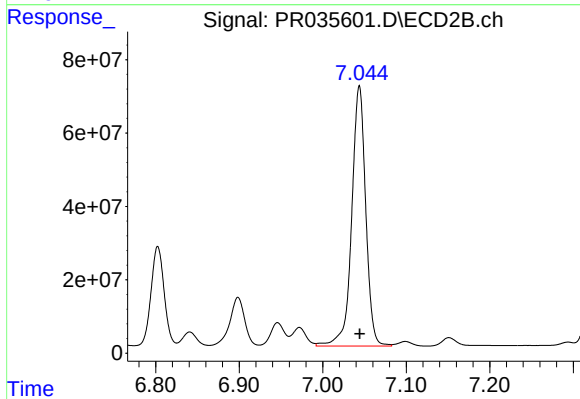
#34 AR-1260-4

R.T.: 6.803 min
Delta R.T.: 0.000 min
Response: 295480645
Conc: 555.98 ng/ml



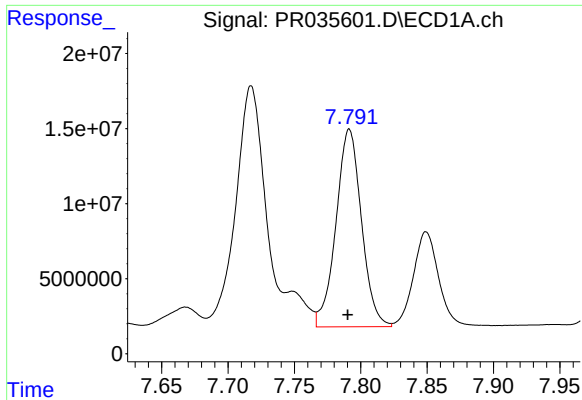
#35 AR-1260-5

R.T.: 8.332 min
Delta R.T.: -0.002 min
Response: 378375726
Conc: 540.13 ng/ml



#35 AR-1260-5

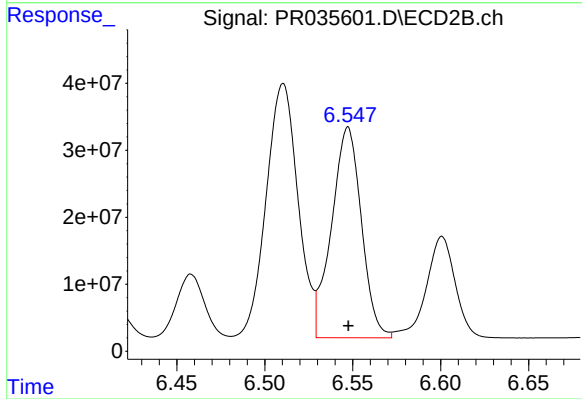
R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 828316745
Conc: 545.90 ng/ml



#36 AR-1262-1

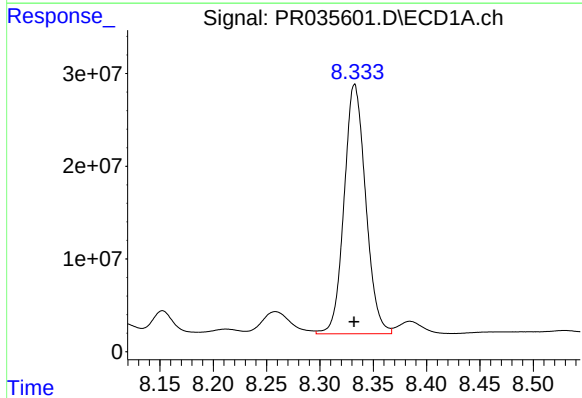
R.T.: 7.791 min
Delta R.T.: 0.001 min
Response: 176120052
Conc: 561.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



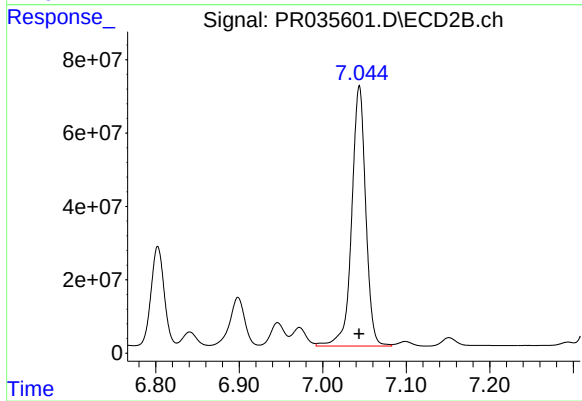
#36 AR-1262-1

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 372213581
Conc: 699.17 ng/ml



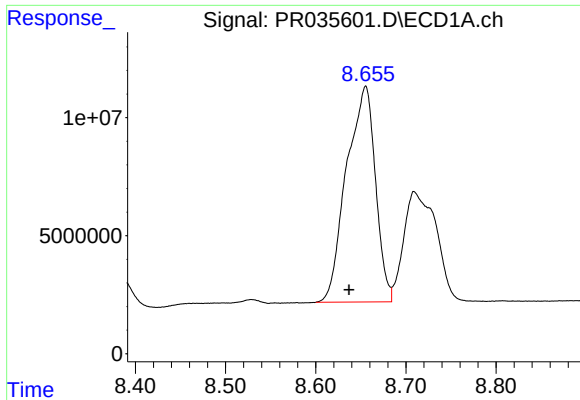
#37 AR-1262-2

R.T.: 8.332 min
Delta R.T.: 0.000 min
Response: 378375726
Conc: 749.33 ng/ml



#37 AR-1262-2

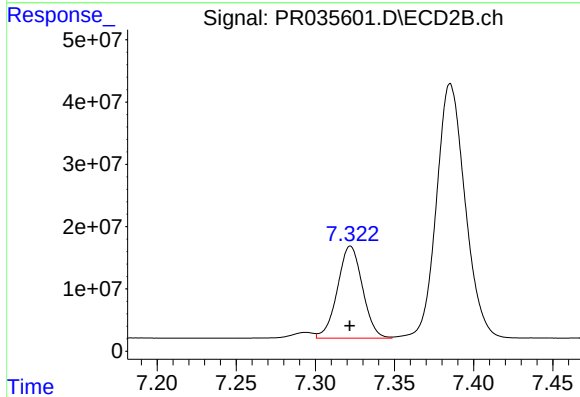
R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 828316745
Conc: 814.68 ng/ml



#38 AR-1262-3

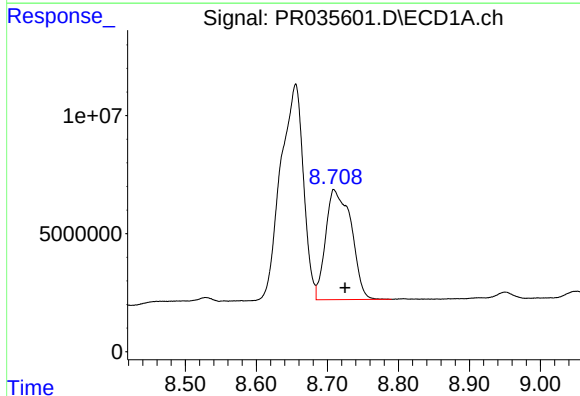
R.T.: 8.655 min
Delta R.T.: 0.018 min
Response: 203418320
Conc: 655.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



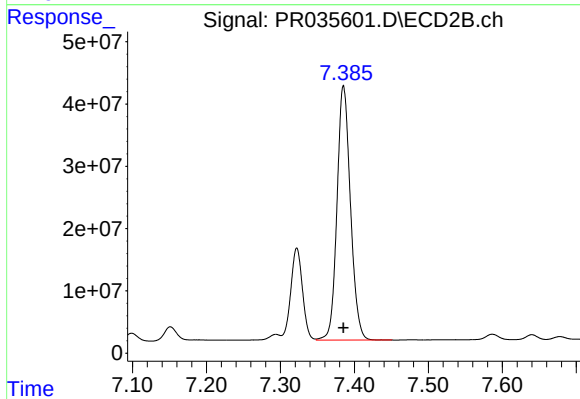
#38 AR-1262-3

R.T.: 7.322 min
Delta R.T.: 0.000 min
Response: 162864560
Conc: 396.36 ng/ml



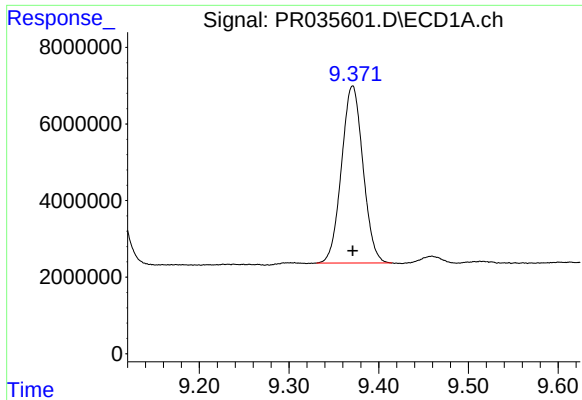
#39 AR-1262-4

R.T.: 8.709 min
Delta R.T.: -0.016 min
Response: 116740942
Conc: 542.16 ng/ml



#39 AR-1262-4

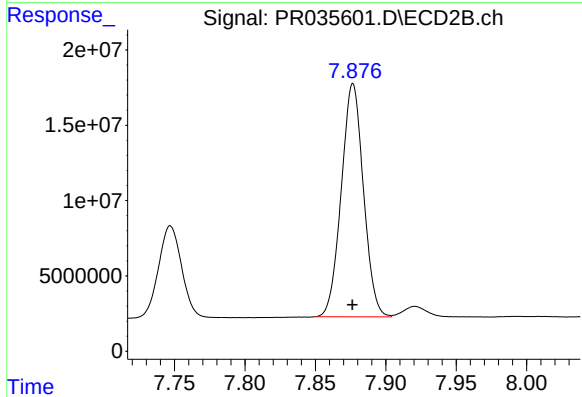
R.T.: 7.385 min
Delta R.T.: 0.000 min
Response: 515761854
Conc: 710.38 ng/ml



#40 AR-1262-5

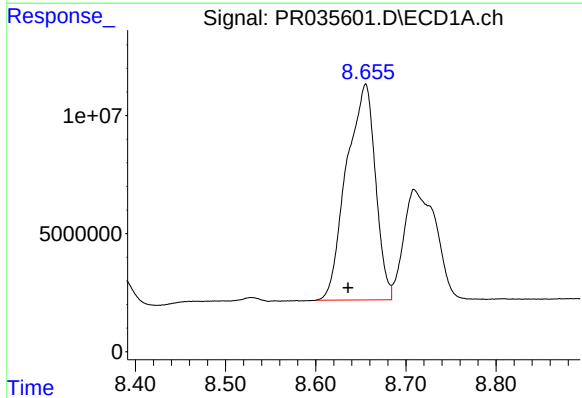
R.T.: 9.371 min
Delta R.T.: 0.000 min
Response: 77024631
Conc: 487.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



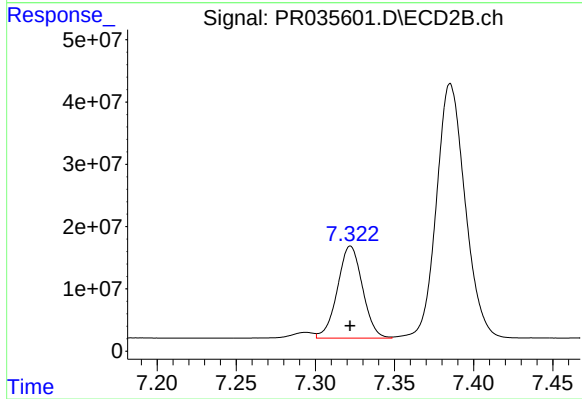
#40 AR-1262-5

R.T.: 7.877 min
Delta R.T.: 0.000 min
Response: 169202464
Conc: 499.91 ng/ml



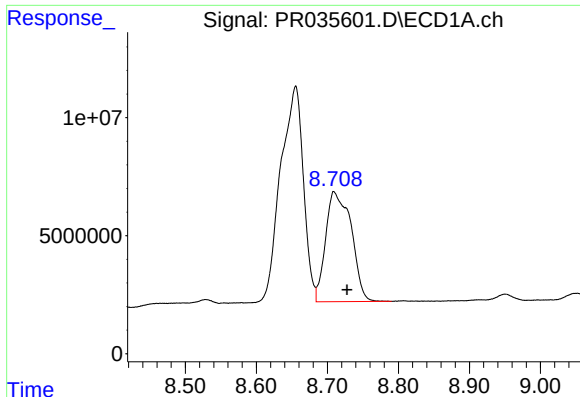
#41 AR-1268-1

R.T.: 8.655 min
Delta R.T.: 0.019 min
Response: 203418320
Conc: 218.91 ng/ml



#41 AR-1268-1

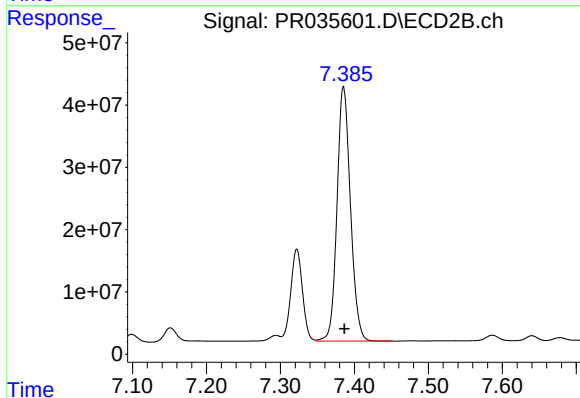
R.T.: 7.322 min
Delta R.T.: 0.000 min
Response: 162864560
Conc: 85.27 ng/ml



#42 AR-1268-2

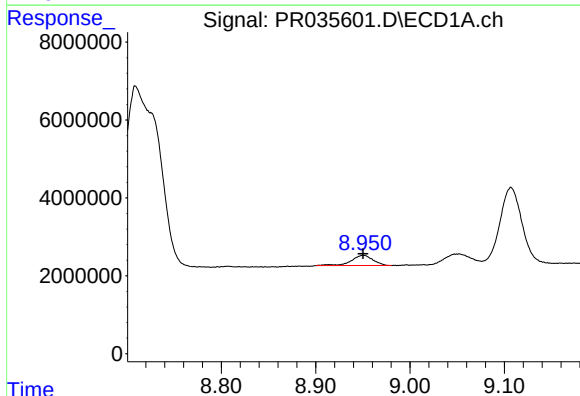
R.T.: 8.709 min
Delta R.T.: -0.019 min
Response: 116740942
Conc: 156.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



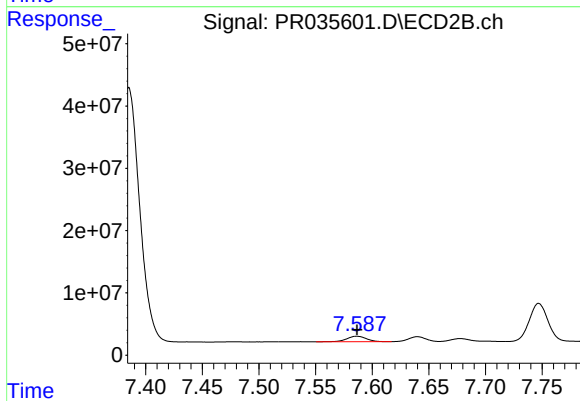
#42 AR-1268-2

R.T.: 7.385 min
Delta R.T.: -0.001 min
Response: 515761854
Conc: 303.53 ng/ml



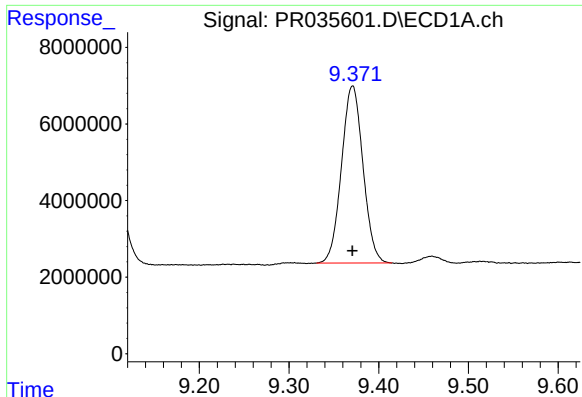
#43 AR-1268-3

R.T.: 8.950 min
Delta R.T.: 0.000 min
Response: 4206269
Conc: 6.35 ng/ml



#43 AR-1268-3

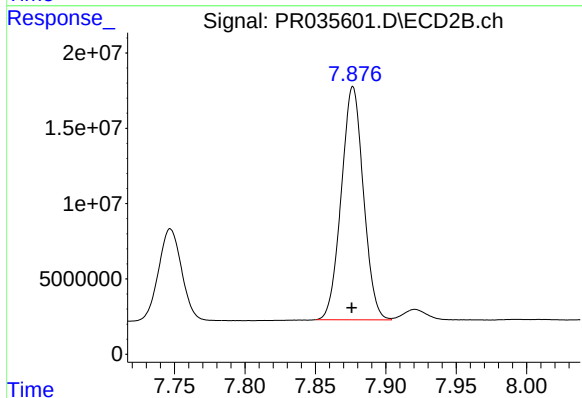
R.T.: 7.586 min
Delta R.T.: 0.000 min
Response: 10621303
Conc: 7.13 ng/ml



#44 AR-1268-4

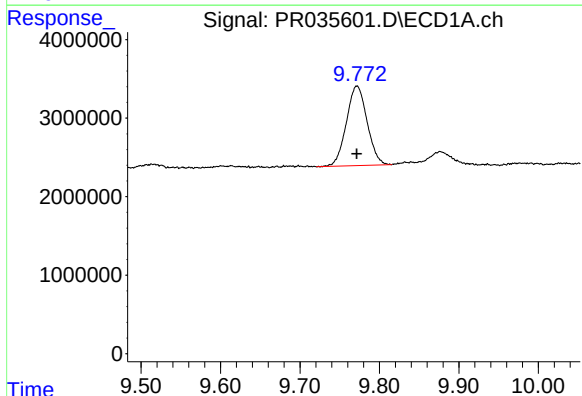
R.T.: 9.371 min
Delta R.T.: 0.000 min
Response: 77024631
Conc: 294.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



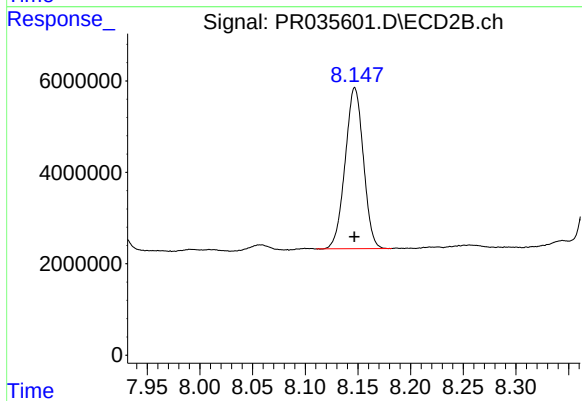
#44 AR-1268-4

R.T.: 7.877 min
Delta R.T.: 0.000 min
Response: 169202464
Conc: 296.60 ng/ml



#45 AR-1268-5

R.T.: 9.772 min
Delta R.T.: 0.000 min
Response: 18374943
Conc: 9.57 ng/ml



#45 AR-1268-5

R.T.: 8.147 min
Delta R.T.: 0.000 min
Response: 42425703
Conc: 9.76 ng/ml