

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR010920\
 Data File : PR044325.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2020 14:25
 Operator : AJ\MA
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660318

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 10 14:39:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR010920CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jan 10 11:47:30 2020
 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...	4.700	3.961	98898711	210.3E6	19.451	18.318
2)	SA Decachlor...	10.592	9.039	203.1E6	376.5E6	33.695	31.835
Target Compounds							
3)	L1 AR-1016-1	5.876	5.052	81593915	134.6E6	381.203	379.048
4)	L1 AR-1016-2	5.898	5.071	113.3E6	182.6E6	378.731	376.411
5)	L1 AR-1016-3	5.961	5.249	68847467	88645392	379.632	370.976
6)	L1 AR-1016-4	6.061	5.288	57515911	68646292	382.345	366.603
7)	L1 AR-1016-5	6.354	5.505	56705774	92119434	376.726	356.898
8)	L2 AR-1221-1	4.904	4.170	6501270	13757189	108.904	98.995
9)	L2 AR-1221-2	4.997	4.259	8251027	18645268	196.540	188.773
10)	L2 AR-1221-3	5.075	4.335	35915665	78744829	251.338	241.912
11)	L3 AR-1232-1	5.075	4.335	35915665	78744829	320.750	307.688
12)	L3 AR-1232-2	5.608	5.071	53177898	182.6E6	861.912	850.110
13)	L3 AR-1232-3	5.898	5.249	113.3E6	88645392	886.209	857.762
14)	L3 AR-1232-4	6.061	5.332	57515911	83228671	892.728	939.545
15)	L3 AR-1232-5	6.148	5.505	50636640	92119434	1034.499	897.705
16)	L4 AR-1242-1	5.876	5.052	81593915	134.6E6	462.311	455.327
17)	L4 AR-1242-2	5.898	5.071	113.3E6	182.6E6	460.985	454.280
18)	L4 AR-1242-3	5.961	5.249	68847467	88645392	458.742	447.693
19)	L4 AR-1242-4	6.061	5.332	57515911	83228671	462.404	450.846
20)	L4 AR-1242-5	6.798	5.857	9021760	82824532	62.068	266.319 #
21)	L5 AR-1248-1	5.876	5.052	81593915	134.6E6	583.666	551.148
22)	L5 AR-1248-2	6.148	5.288	50636640	68646292	262.530	255.833
23)	L5 AR-1248-3	6.354	5.332	56705774	83228671	262.600	304.747
24)	L5 AR-1248-4	6.757	5.505	10207790	92119434	39.109	260.380 #
25)	L5 AR-1248-5	6.798	5.898	9021760	19111814	36.453	44.912
26)	L6 AR-1254-1	6.731	5.857	40863661	82824532	154.541	128.776
27)	L6 AR-1254-2	6.947	6.004	44096119	81141415	105.742	137.700 #
28)	L6 AR-1254-3	7.317	6.423	25441958	194.4E6	55.711	194.638 #
29)	L6 AR-1254-4	7.602	6.637	18536771	26615467	53.043	35.173 #
30)	L6 AR-1254-5	8.020	7.054	153.0E6	283.7E6	405.307	308.707
31)	L7 AR-1260-1	7.479	6.538	104.3E6	208.2E6	354.692	350.194
32)	L7 AR-1260-2	7.734	6.725	129.1E6	311.4E6	355.403	342.552
33)	L7 AR-1260-3	8.093	6.880	100.8E6	252.1E6	355.328	346.985
34)	L7 AR-1260-4	8.332	7.352	115.5E6	224.3E6	343.806	340.463
35)	L7 AR-1260-5	8.668	7.591	246.2E6	673.0E6	344.333	338.673
36)	L8 AR-1262-1	8.154	7.054	51574295	283.7E6	291.392	571.837 #
37)	L8 AR-1262-2	8.668	7.591	246.2E6	673.0E6	285.493	291.690
38)	L8 AR-1262-3	9.018	7.875	153.1E6	153.3E6	269.066	168.193 #
39)	L8 AR-1262-4	9.076	7.939	98455168	436.4E6	231.132	284.334
40)	L8 AR-1262-5	9.793	8.453	74046124	166.6E6	237.941	227.088
41)	L9 AR-1268-1	9.018	7.875	153.1E6	153.3E6	149.959	55.345 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR010920\
 Data File : PR044325.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2020 14:25
 Operator : AJ\MA
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

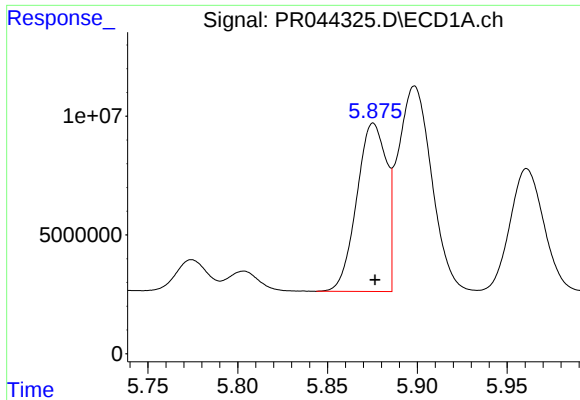
Instrument :
 ECD_R
 ClientSampleId :
 AR1660318

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 10 14:39:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR010920CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jan 10 11:47:30 2020
 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	9.076	7.939	98455168	436.4E6	103.904	184.315 #
43) L9	AR-1268-3	9.337	8.150	4182078	10157915	5.320	5.045
44) L9	AR-1268-4	9.793	8.453	74046124	166.6E6	213.684	199.603
45) L9	AR-1268-5	10.234	8.765	20990050	39601916	7.762	6.862

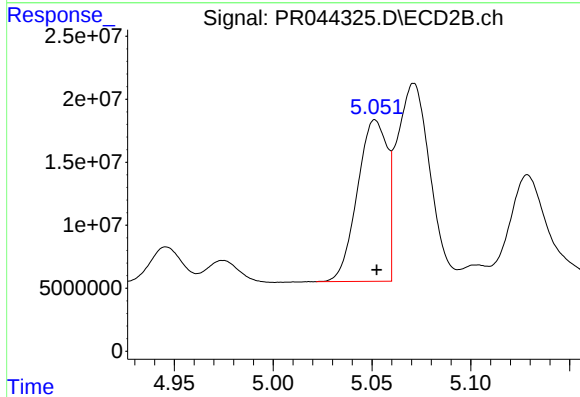
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

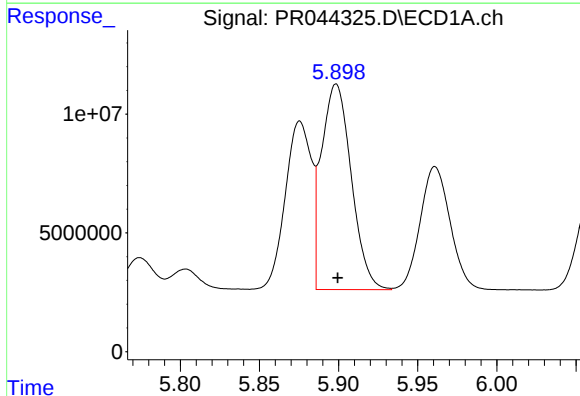
R.T.: 5.876 min
Delta R.T.: 0.000 min
Response: 81593915
Conc: 381.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660318



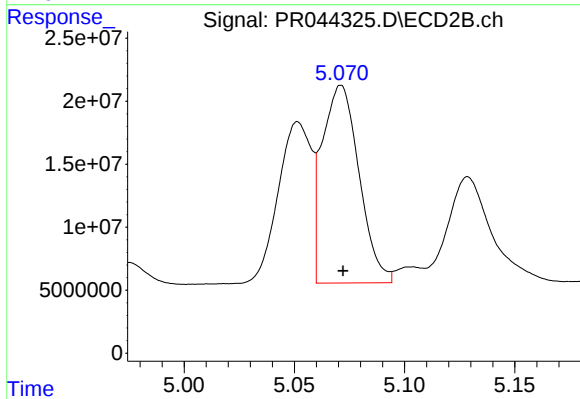
#3 AR-1016-1

R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 134555763
Conc: 379.05 ng/ml



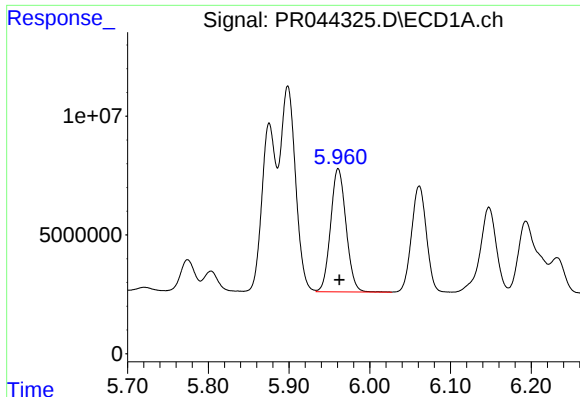
#4 AR-1016-2

R.T.: 5.898 min
Delta R.T.: -0.001 min
Response: 113253052
Conc: 378.73 ng/ml



#4 AR-1016-2

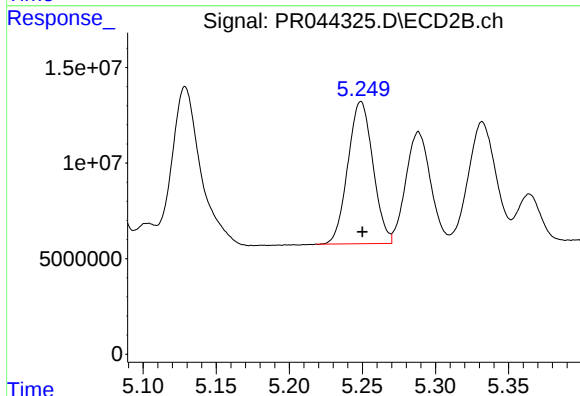
R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 182583307
Conc: 376.41 ng/ml



#5 AR-1016-3

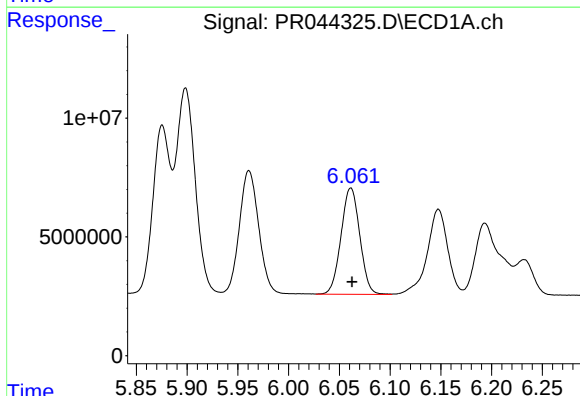
R.T.: 5.961 min
Delta R.T.: -0.001 min
Response: 68847467
Conc: 379.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660318



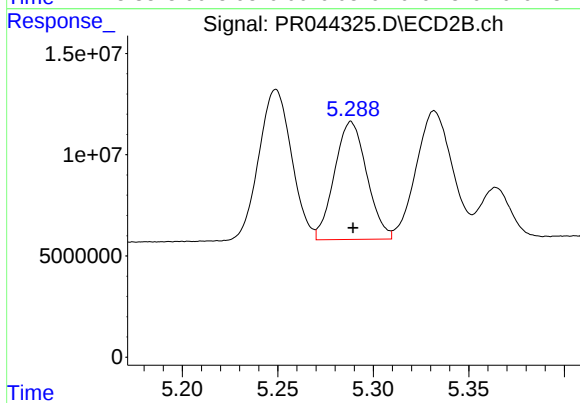
#5 AR-1016-3

R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 88645392
Conc: 370.98 ng/ml



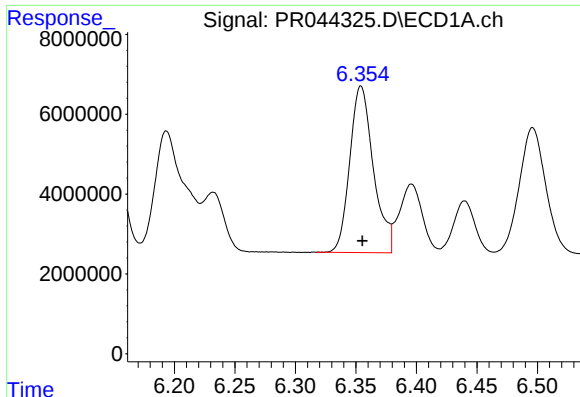
#6 AR-1016-4

R.T.: 6.061 min
Delta R.T.: -0.001 min
Response: 57515911
Conc: 382.34 ng/ml



#6 AR-1016-4

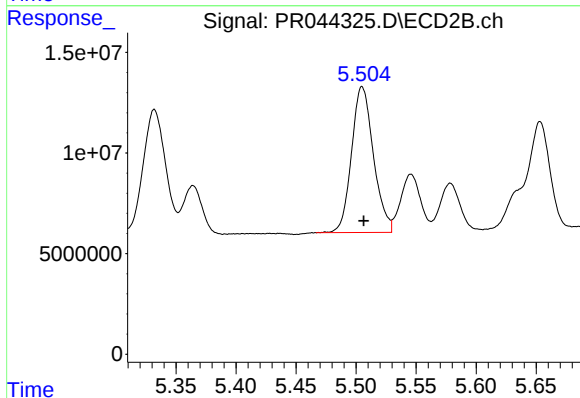
R.T.: 5.288 min
Delta R.T.: -0.001 min
Response: 68646292
Conc: 366.60 ng/ml



#7 AR-1016-5

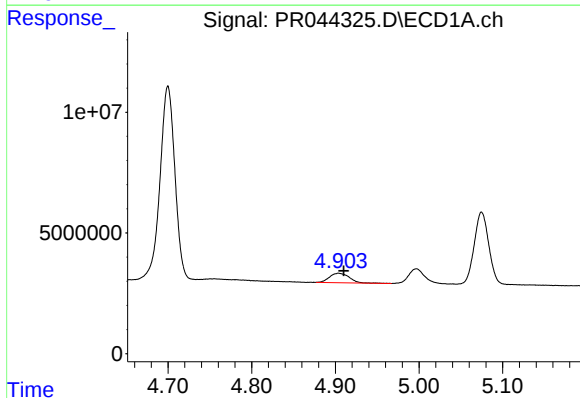
R.T.: 6.354 min
Delta R.T.: -0.001 min
Response: 56705774
Conc: 376.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660318



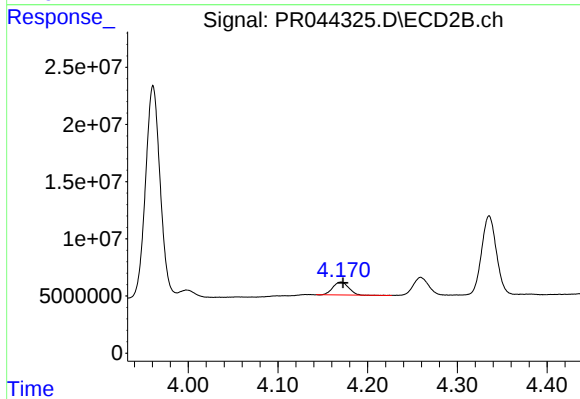
#7 AR-1016-5

R.T.: 5.505 min
Delta R.T.: -0.001 min
Response: 92119434
Conc: 356.90 ng/ml



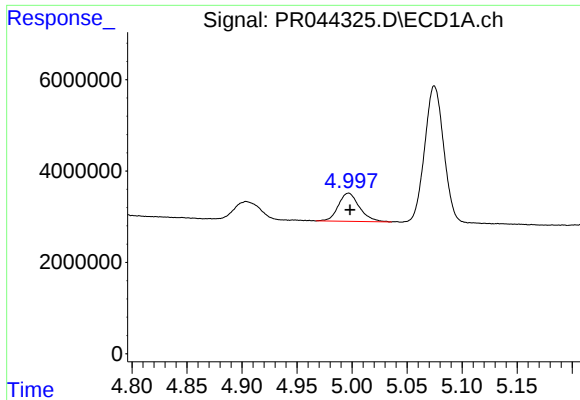
#8 AR-1221-1

R.T.: 4.904 min
Delta R.T.: -0.006 min
Response: 6501270
Conc: 108.90 ng/ml



#8 AR-1221-1

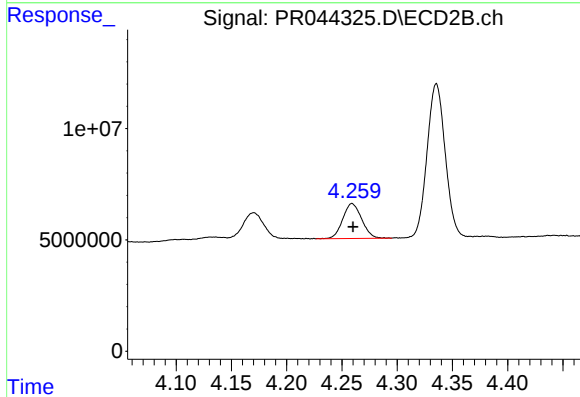
R.T.: 4.170 min
Delta R.T.: -0.003 min
Response: 13757189
Conc: 98.99 ng/ml



#9 AR-1221-2

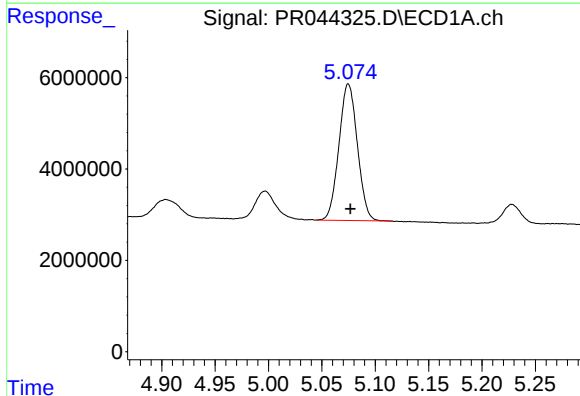
R.T.: 4.997 min
Delta R.T.: -0.001 min
Response: 8251027
Conc: 196.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660318



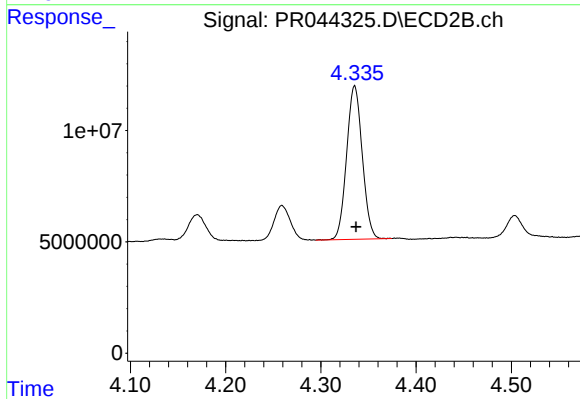
#9 AR-1221-2

R.T.: 4.259 min
Delta R.T.: -0.001 min
Response: 18645268
Conc: 188.77 ng/ml



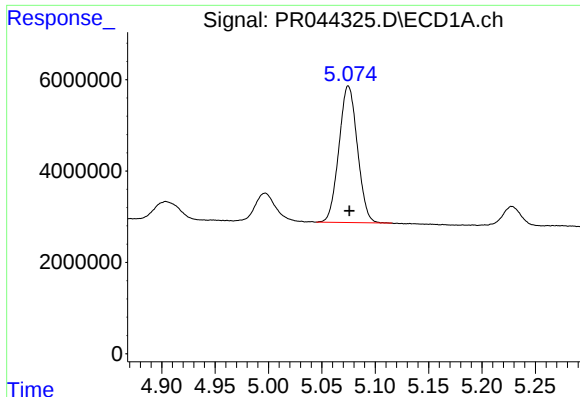
#10 AR-1221-3

R.T.: 5.075 min
Delta R.T.: -0.002 min
Response: 35915665
Conc: 251.34 ng/ml



#10 AR-1221-3

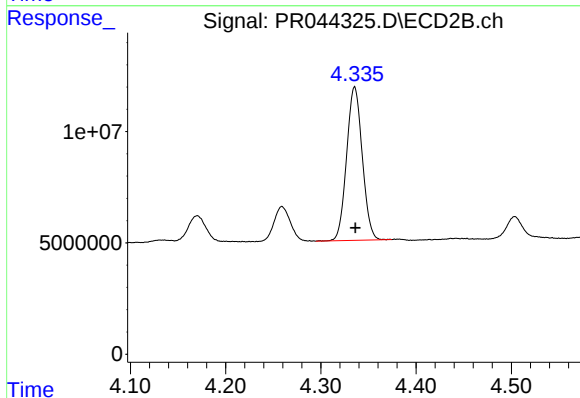
R.T.: 4.335 min
Delta R.T.: -0.002 min
Response: 78744829
Conc: 241.91 ng/ml



#11 AR-1232-1

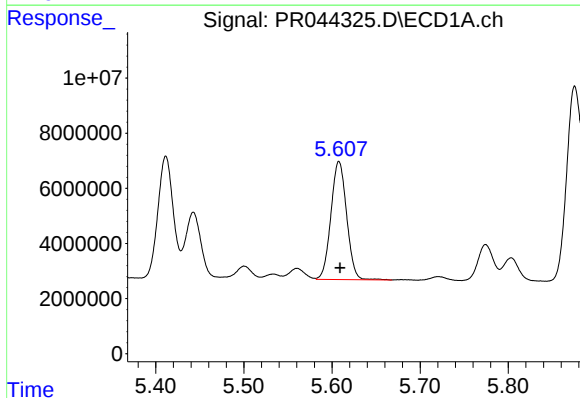
R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 35915665
Conc: 320.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660318



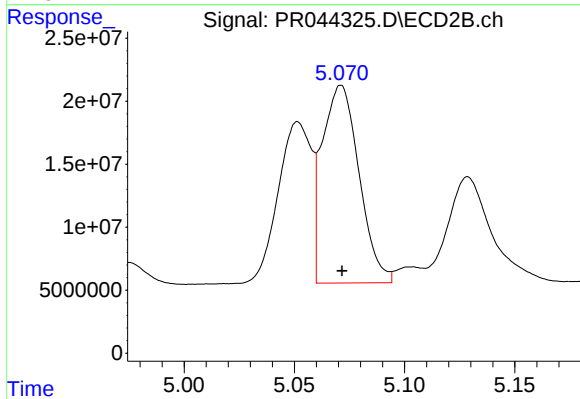
#11 AR-1232-1

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 78744829
Conc: 307.69 ng/ml



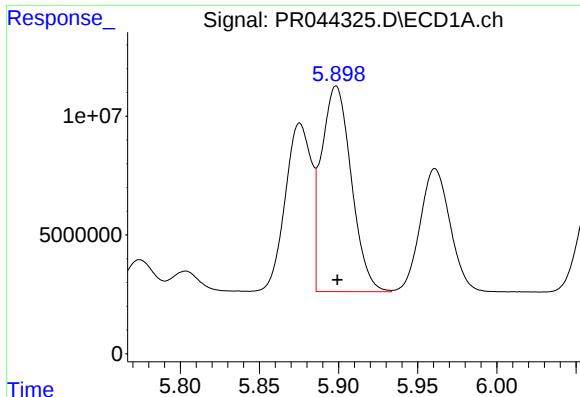
#12 AR-1232-2

R.T.: 5.608 min
Delta R.T.: -0.001 min
Response: 53177898
Conc: 861.91 ng/ml



#12 AR-1232-2

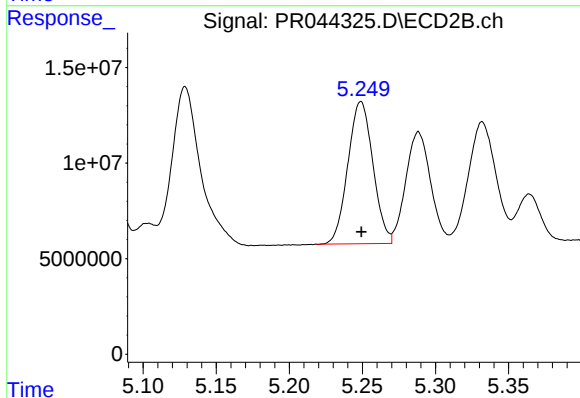
R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 182583307
Conc: 850.11 ng/ml



#13 AR-1232-3

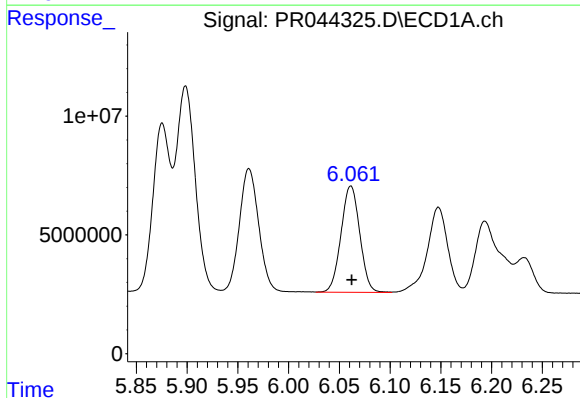
R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 113253052
Conc: 886.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660318



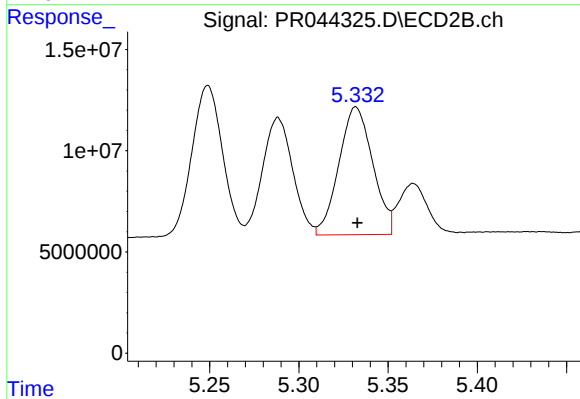
#13 AR-1232-3

R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 88645392
Conc: 857.76 ng/ml



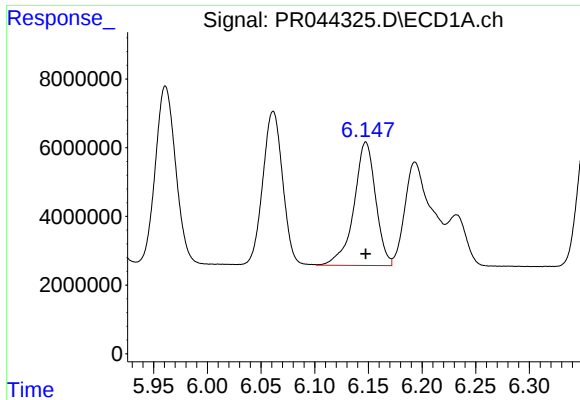
#14 AR-1232-4

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 57515911
Conc: 892.73 ng/ml



#14 AR-1232-4

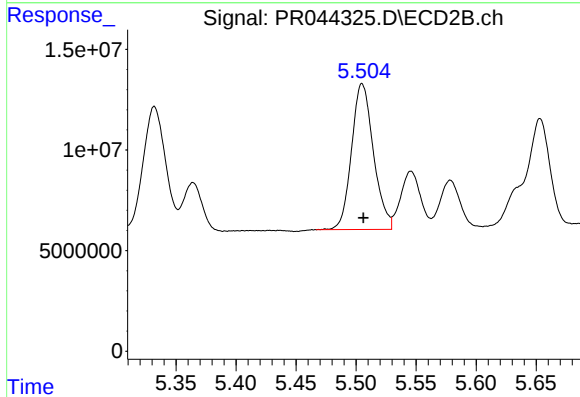
R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 83228671
Conc: 939.54 ng/ml



#15 AR-1232-5

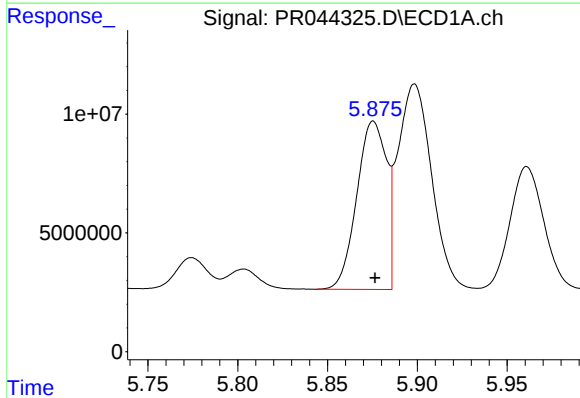
R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 50636640
Conc: 1034.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660318



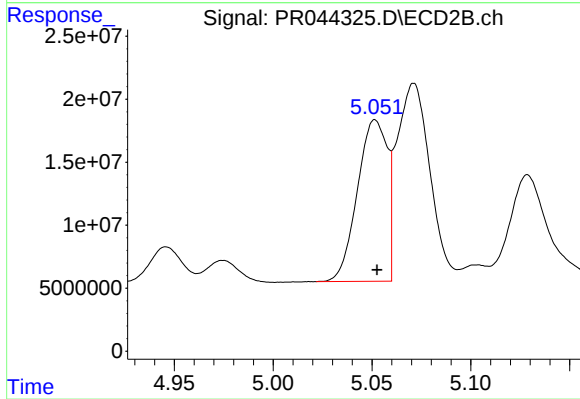
#15 AR-1232-5

R.T.: 5.505 min
Delta R.T.: -0.001 min
Response: 92119434
Conc: 897.71 ng/ml



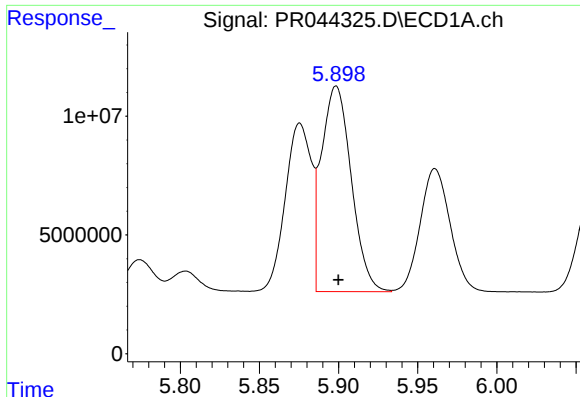
#16 AR-1242-1

R.T.: 5.876 min
Delta R.T.: 0.000 min
Response: 81593915
Conc: 462.31 ng/ml



#16 AR-1242-1

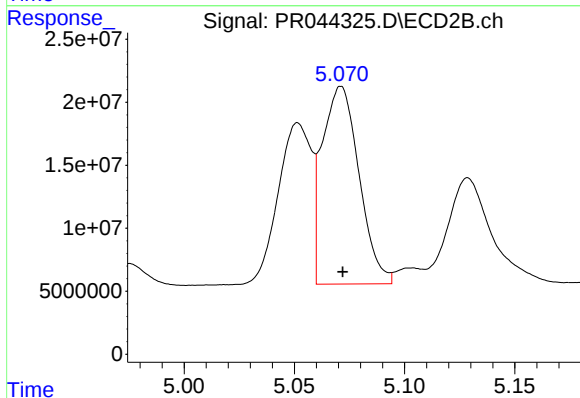
R.T.: 5.052 min
Delta R.T.: -0.001 min
Response: 134555763
Conc: 455.33 ng/ml



#17 AR-1242-2

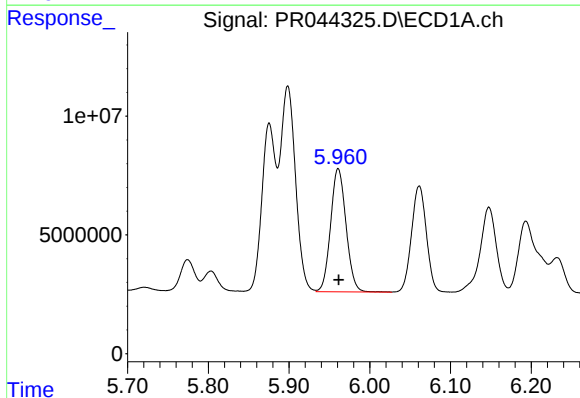
R.T.: 5.898 min
Delta R.T.: -0.001 min
Response: 113253052
Conc: 460.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660318



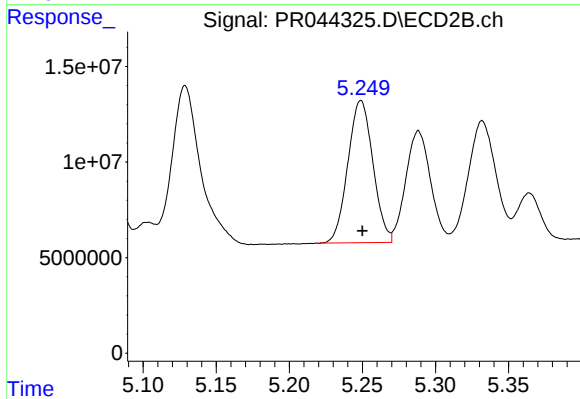
#17 AR-1242-2

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 182583307
Conc: 454.28 ng/ml



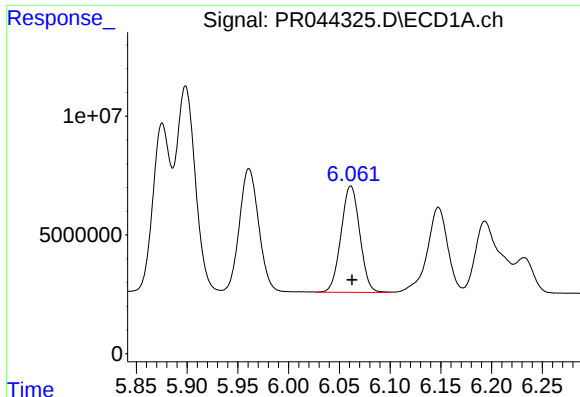
#18 AR-1242-3

R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 68847467
Conc: 458.74 ng/ml



#18 AR-1242-3

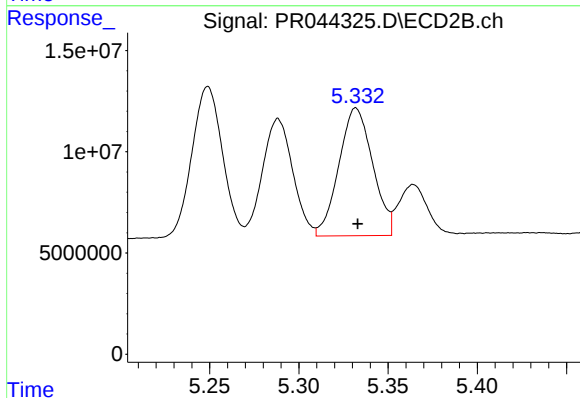
R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 88645392
Conc: 447.69 ng/ml



#19 AR-1242-4

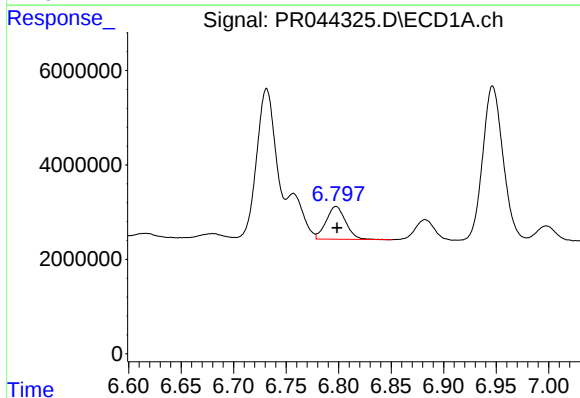
R.T.: 6.061 min
Delta R.T.: -0.001 min
Response: 57515911
Conc: 462.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660318



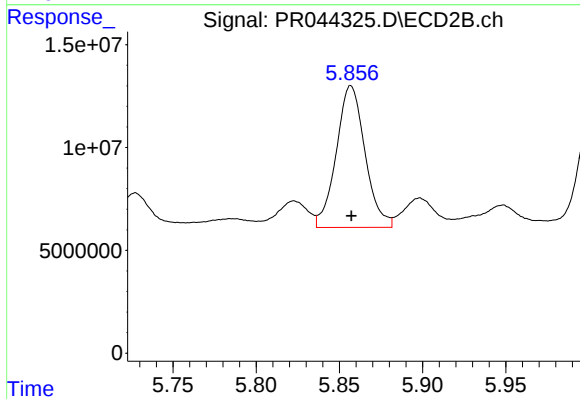
#19 AR-1242-4

R.T.: 5.332 min
Delta R.T.: -0.001 min
Response: 83228671
Conc: 450.85 ng/ml



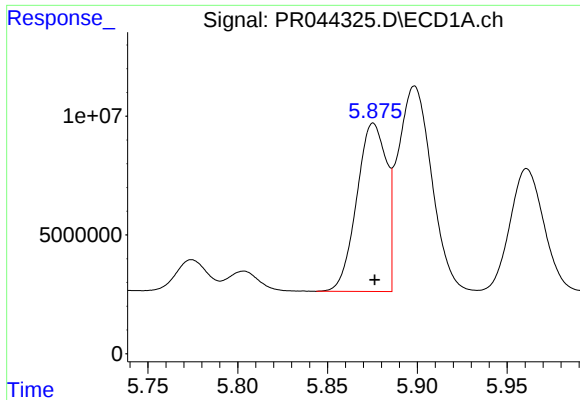
#20 AR-1242-5

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 9021760
Conc: 62.07 ng/ml



#20 AR-1242-5

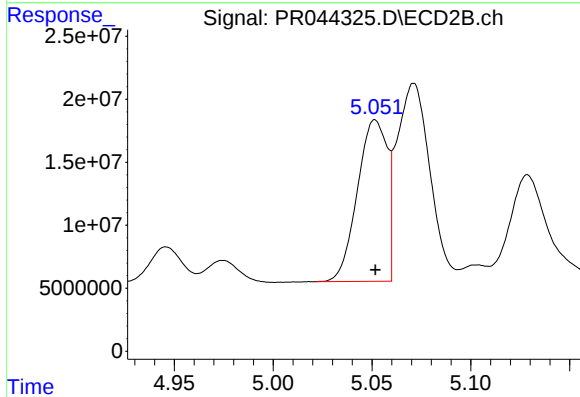
R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 82824532
Conc: 266.32 ng/ml



#21 AR-1248-1

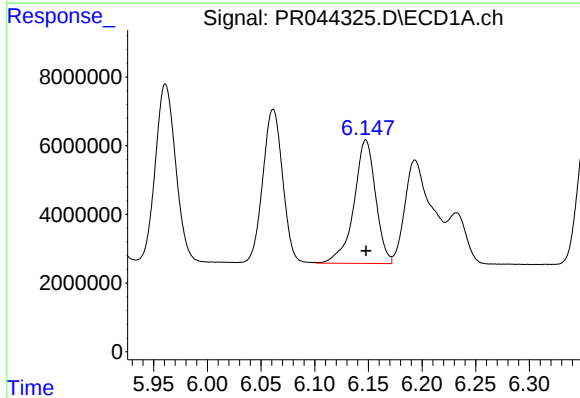
R.T.: 5.876 min
Delta R.T.: 0.000 min
Response: 81593915
Conc: 583.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660318



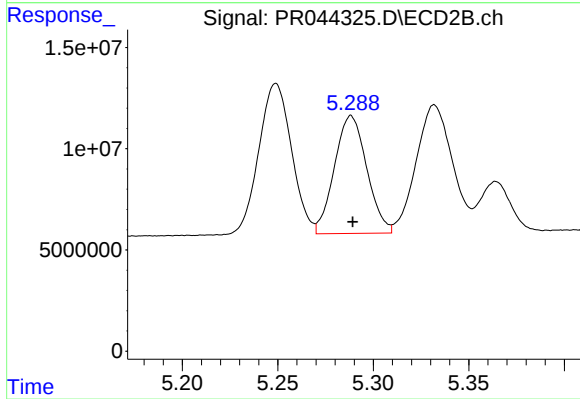
#21 AR-1248-1

R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 134555763
Conc: 551.15 ng/ml



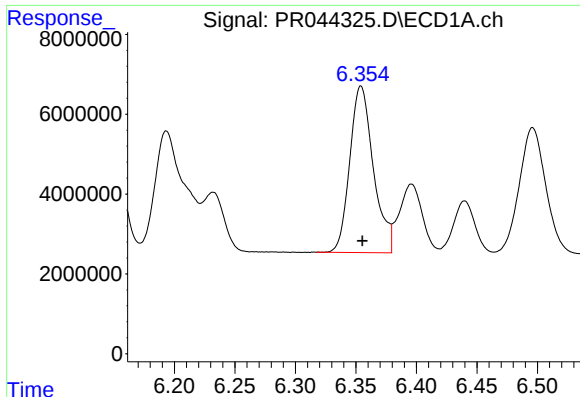
#22 AR-1248-2

R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 50636640
Conc: 262.53 ng/ml



#22 AR-1248-2

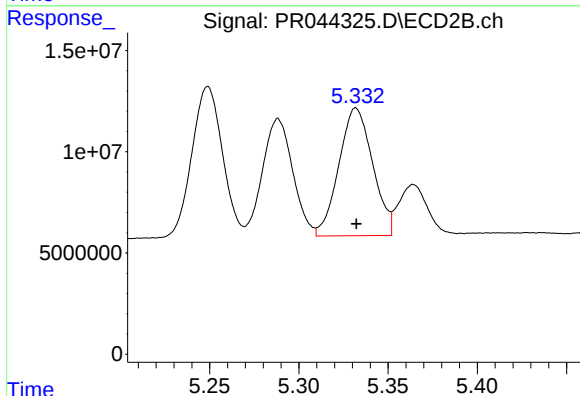
R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 68646292
Conc: 255.83 ng/ml



#23 AR-1248-3

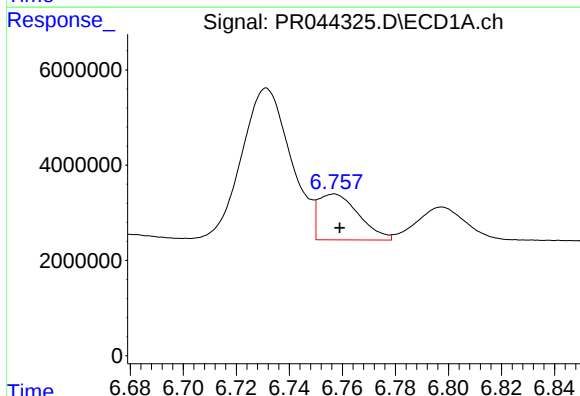
R.T.: 6.354 min
Delta R.T.: -0.001 min
Response: 56705774
Conc: 262.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660318



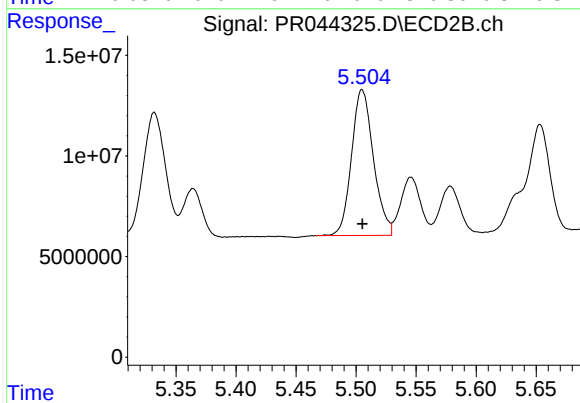
#23 AR-1248-3

R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 83228671
Conc: 304.75 ng/ml



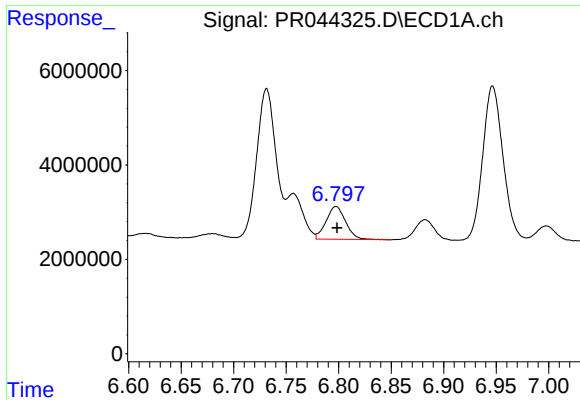
#24 AR-1248-4

R.T.: 6.757 min
Delta R.T.: -0.002 min
Response: 10207790
Conc: 39.11 ng/ml



#24 AR-1248-4

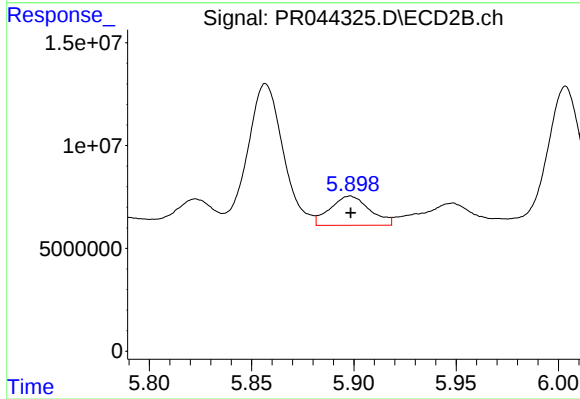
R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 92119434
Conc: 260.38 ng/ml



#25 AR-1248-5

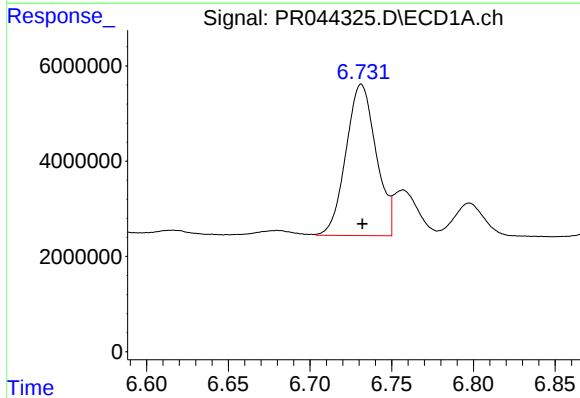
R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 9021760
Conc: 36.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660318



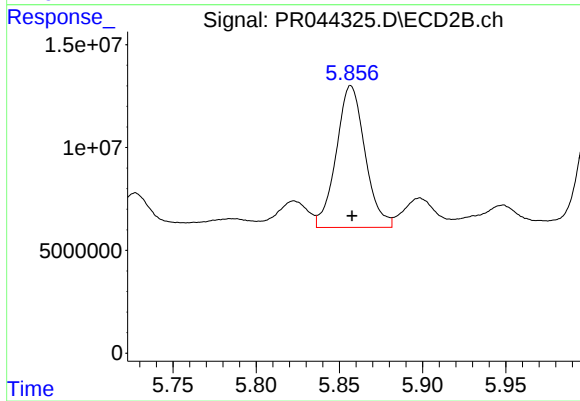
#25 AR-1248-5

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 19111814
Conc: 44.91 ng/ml



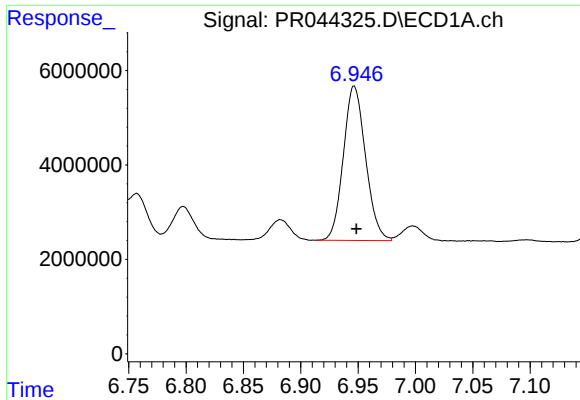
#26 AR-1254-1

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 40863661
Conc: 154.54 ng/ml



#26 AR-1254-1

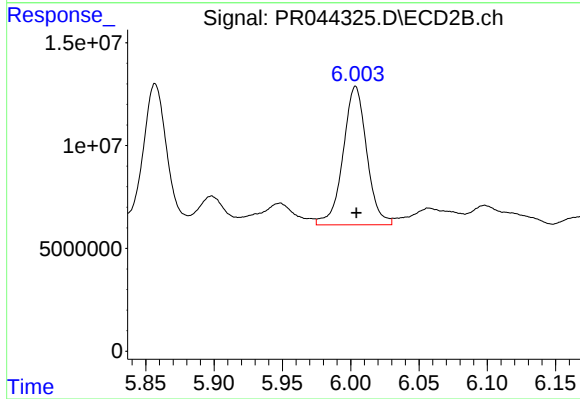
R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 82824532
Conc: 128.78 ng/ml



#27 AR-1254-2

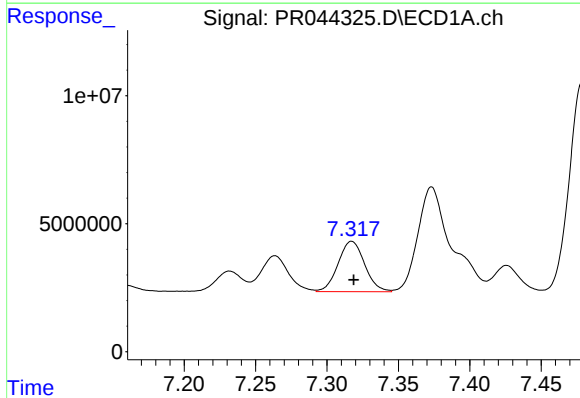
R.T.: 6.947 min
Delta R.T.: -0.002 min
Response: 44096119
Conc: 105.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660318



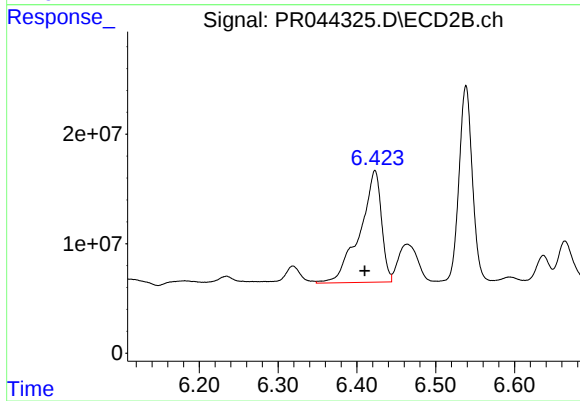
#27 AR-1254-2

R.T.: 6.004 min
Delta R.T.: 0.000 min
Response: 81141415
Conc: 137.70 ng/ml



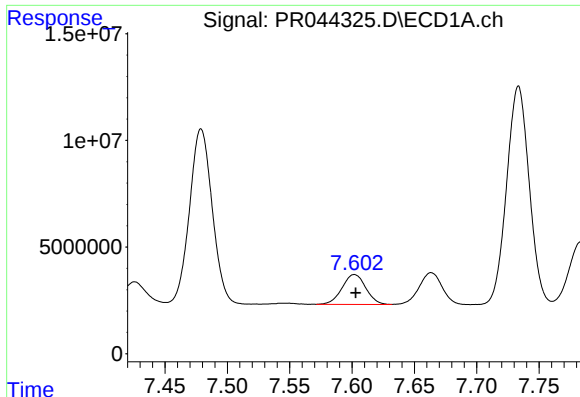
#28 AR-1254-3

R.T.: 7.317 min
Delta R.T.: -0.001 min
Response: 25441958
Conc: 55.71 ng/ml



#28 AR-1254-3

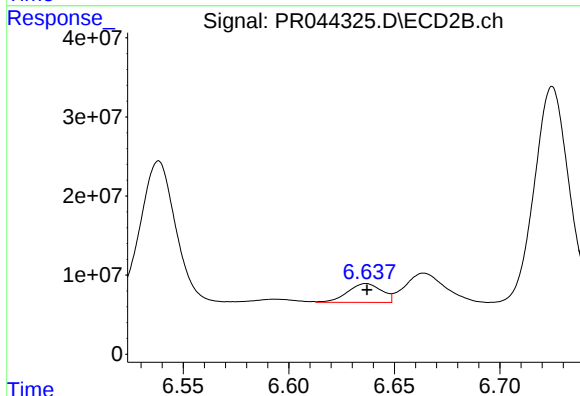
R.T.: 6.423 min
Delta R.T.: 0.013 min
Response: 194390063
Conc: 194.64 ng/ml



#29 AR-1254-4

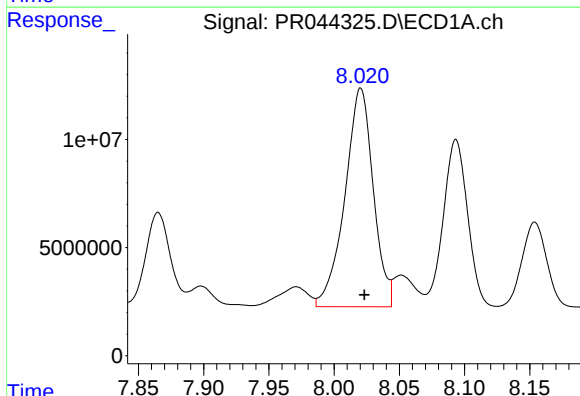
R.T.: 7.602 min
Delta R.T.: -0.001 min
Response: 18536771
Conc: 53.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660318



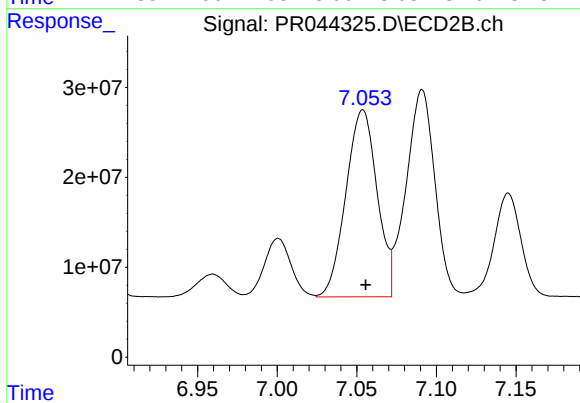
#29 AR-1254-4

R.T.: 6.637 min
Delta R.T.: 0.000 min
Response: 26615467
Conc: 35.17 ng/ml



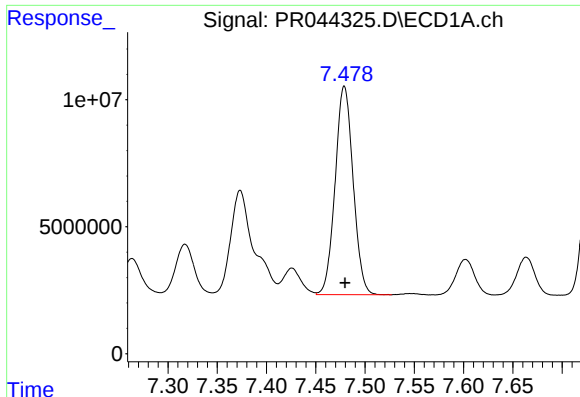
#30 AR-1254-5

R.T.: 8.020 min
Delta R.T.: -0.003 min
Response: 152988884
Conc: 405.31 ng/ml



#30 AR-1254-5

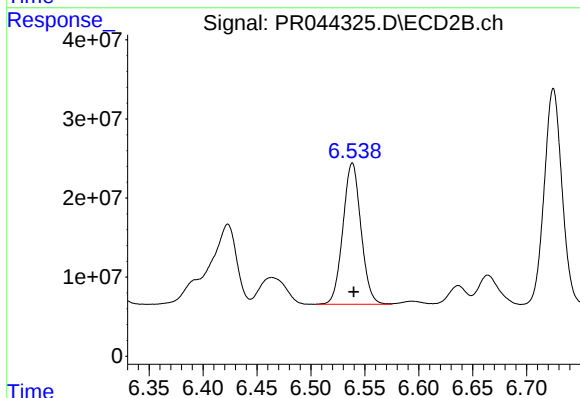
R.T.: 7.054 min
Delta R.T.: -0.002 min
Response: 283694790
Conc: 308.71 ng/ml



#31 AR-1260-1

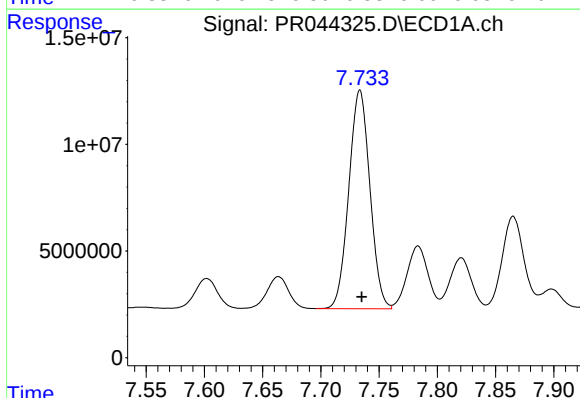
R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 104285903
Conc: 354.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660318



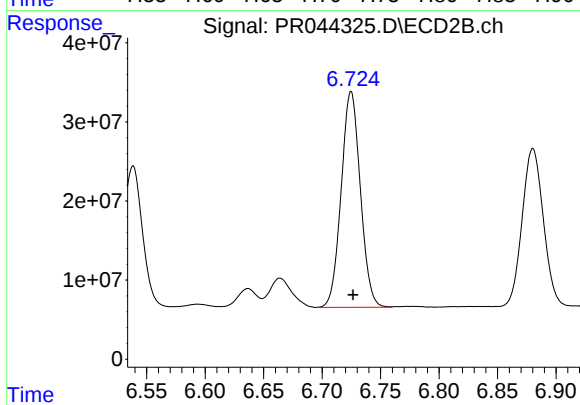
#31 AR-1260-1

R.T.: 6.538 min
Delta R.T.: -0.001 min
Response: 208210789
Conc: 350.19 ng/ml



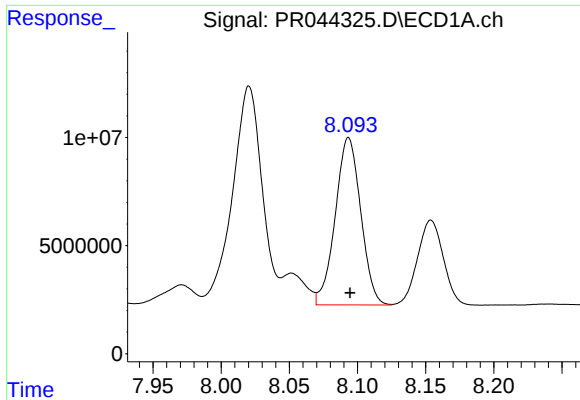
#32 AR-1260-2

R.T.: 7.734 min
Delta R.T.: -0.002 min
Response: 129140461
Conc: 355.40 ng/ml



#32 AR-1260-2

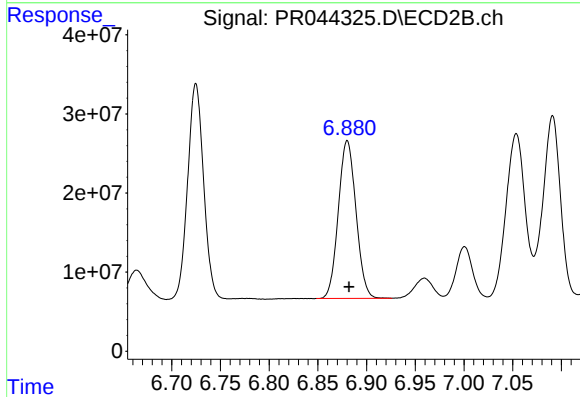
R.T.: 6.725 min
Delta R.T.: -0.002 min
Response: 311374990
Conc: 342.55 ng/ml



#33 AR-1260-3

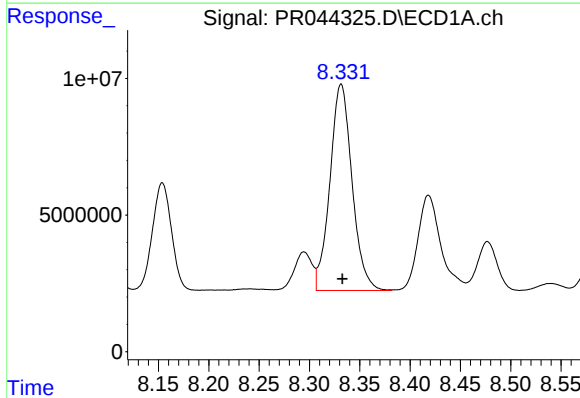
R.T.: 8.093 min
Delta R.T.: -0.001 min
Response: 100774132
Conc: 355.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660318



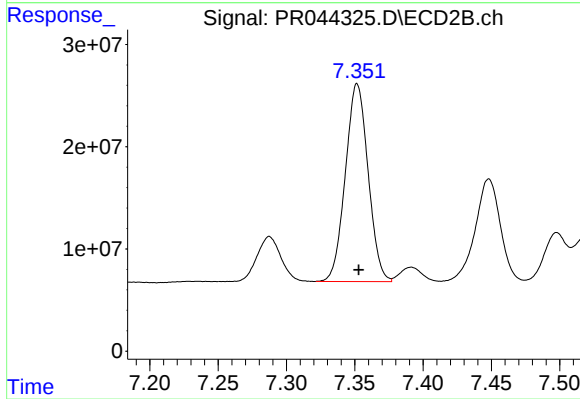
#33 AR-1260-3

R.T.: 6.880 min
Delta R.T.: -0.002 min
Response: 252131770
Conc: 346.98 ng/ml



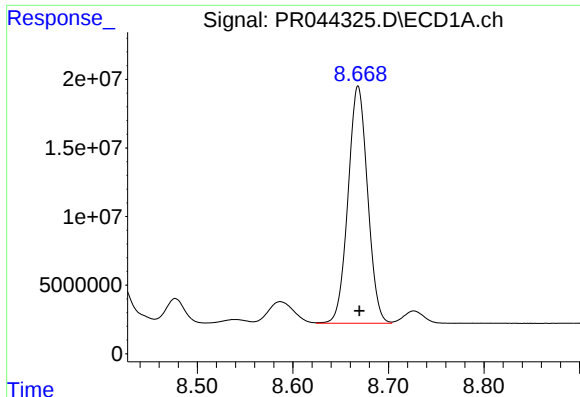
#34 AR-1260-4

R.T.: 8.332 min
Delta R.T.: -0.001 min
Response: 115549376
Conc: 343.81 ng/ml



#34 AR-1260-4

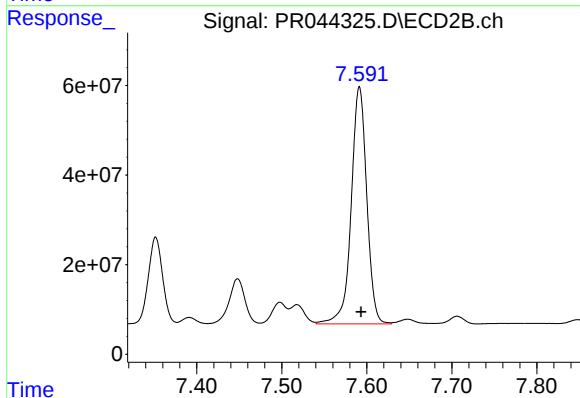
R.T.: 7.352 min
Delta R.T.: -0.001 min
Response: 224310453
Conc: 340.46 ng/ml



#35 AR-1260-5

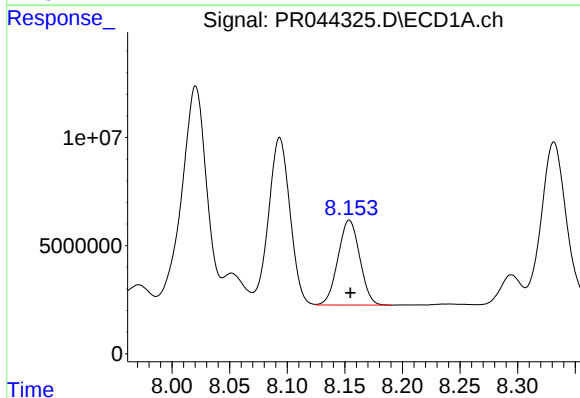
R.T.: 8.668 min
Delta R.T.: -0.001 min
Response: 246198215
Conc: 344.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660318



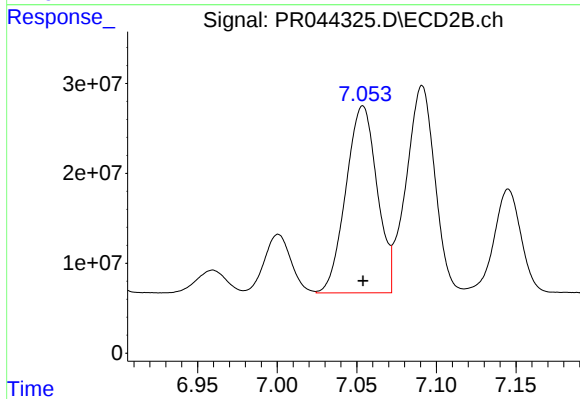
#35 AR-1260-5

R.T.: 7.591 min
Delta R.T.: -0.002 min
Response: 673010855
Conc: 338.67 ng/ml



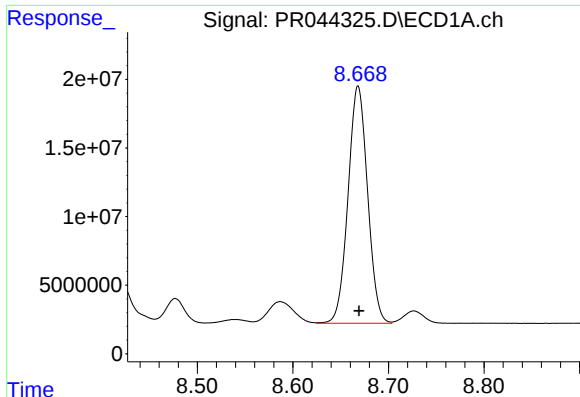
#36 AR-1262-1

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 51574295
Conc: 291.39 ng/ml



#36 AR-1262-1

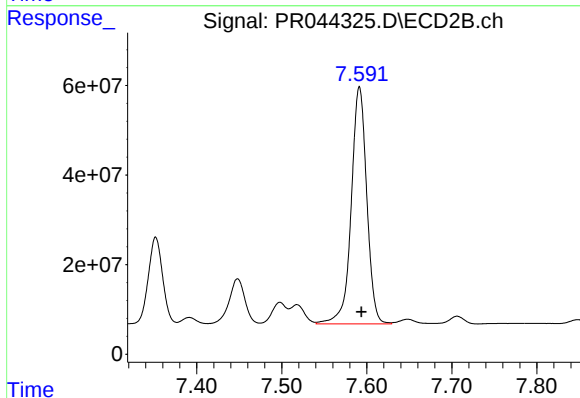
R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 283694790
Conc: 571.84 ng/ml



#37 AR-1262-2

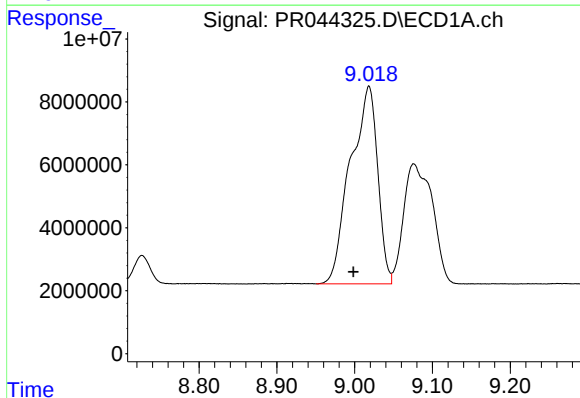
R.T.: 8.668 min
Delta R.T.: -0.001 min
Response: 246198215
Conc: 285.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660318



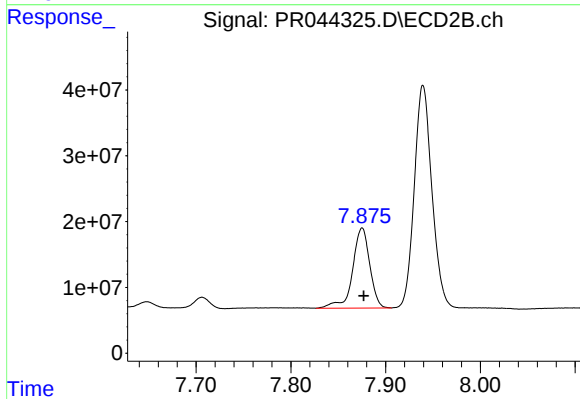
#37 AR-1262-2

R.T.: 7.591 min
Delta R.T.: -0.002 min
Response: 673010855
Conc: 291.69 ng/ml



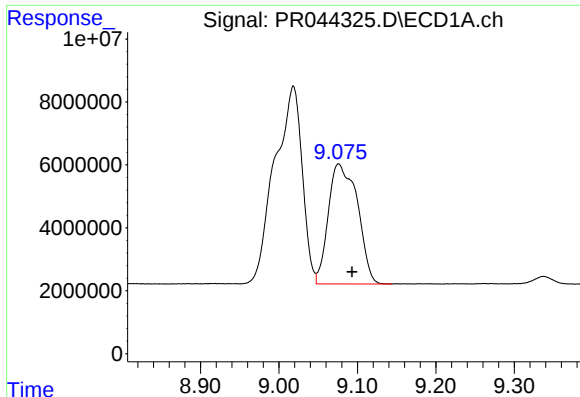
#38 AR-1262-3

R.T.: 9.018 min
Delta R.T.: 0.020 min
Response: 153057832
Conc: 269.07 ng/ml



#38 AR-1262-3

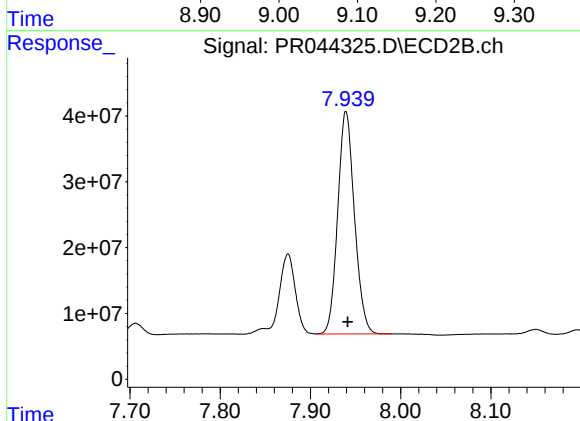
R.T.: 7.875 min
Delta R.T.: -0.002 min
Response: 153314417
Conc: 168.19 ng/ml



#39 AR-1262-4

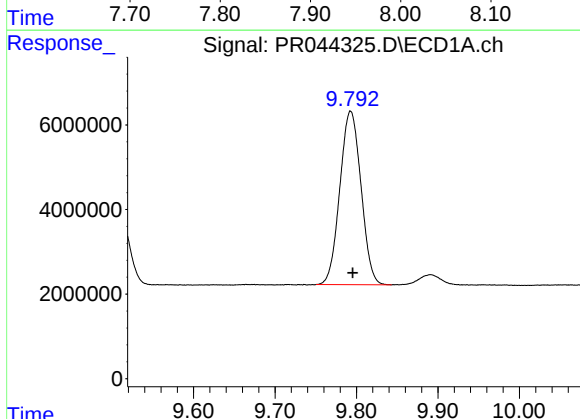
R.T.: 9.076 min
Delta R.T.: -0.017 min
Response: 98455168
Conc: 231.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660318



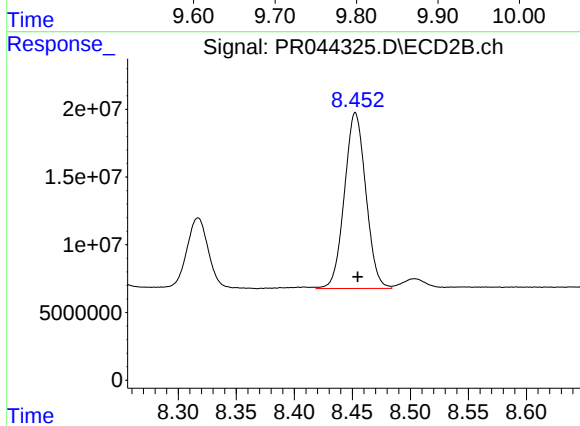
#39 AR-1262-4

R.T.: 7.939 min
Delta R.T.: -0.002 min
Response: 436437893
Conc: 284.33 ng/ml



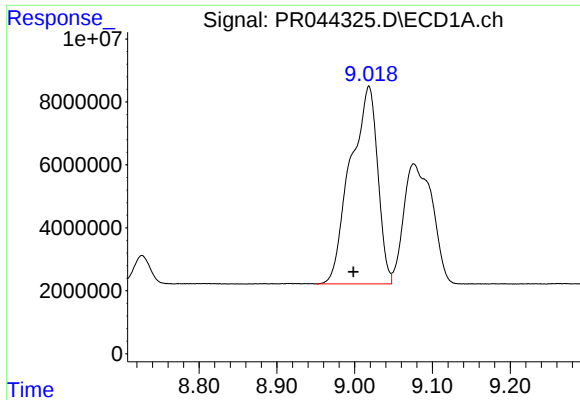
#40 AR-1262-5

R.T.: 9.793 min
Delta R.T.: -0.003 min
Response: 74046124
Conc: 237.94 ng/ml



#40 AR-1262-5

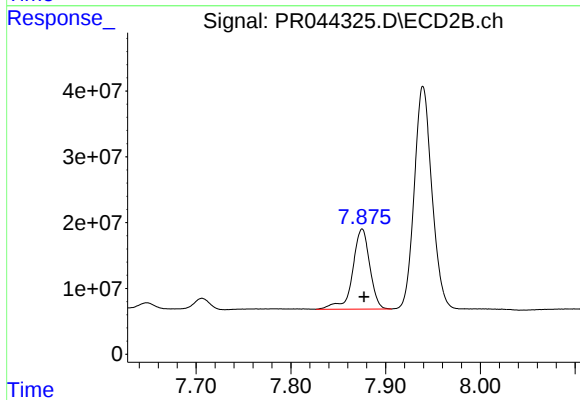
R.T.: 8.453 min
Delta R.T.: -0.002 min
Response: 166557309
Conc: 227.09 ng/ml



#41 AR-1268-1

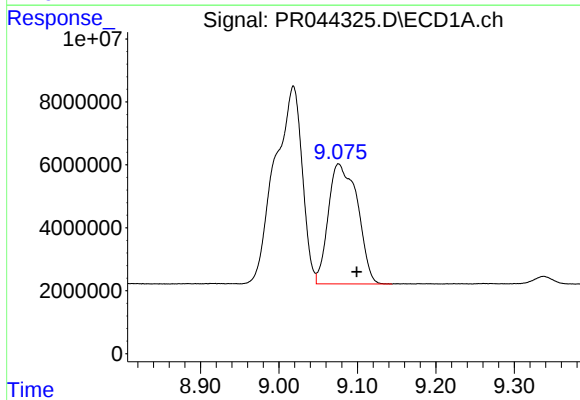
R.T.: 9.018 min
Delta R.T.: 0.020 min
Response: 153057832
Conc: 149.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660318



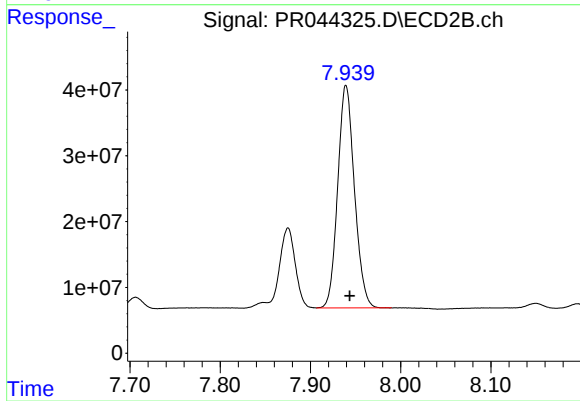
#41 AR-1268-1

R.T.: 7.875 min
Delta R.T.: -0.002 min
Response: 153314417
Conc: 55.35 ng/ml



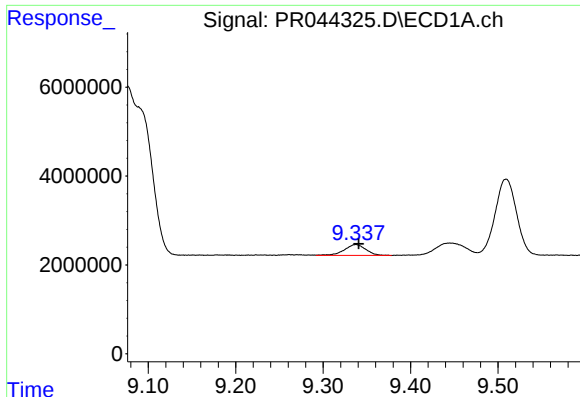
#42 AR-1268-2

R.T.: 9.076 min
Delta R.T.: -0.023 min
Response: 98455168
Conc: 103.90 ng/ml



#42 AR-1268-2

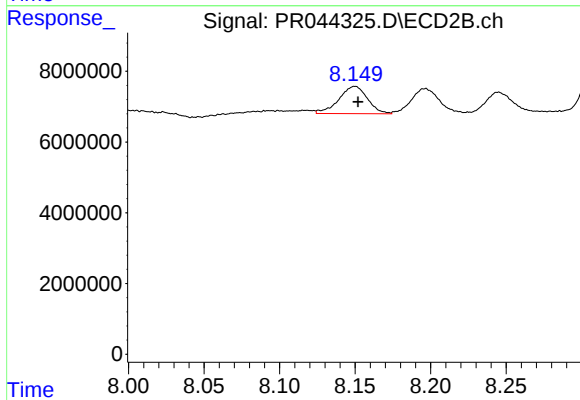
R.T.: 7.939 min
Delta R.T.: -0.004 min
Response: 436437893
Conc: 184.31 ng/ml



#43 AR-1268-3

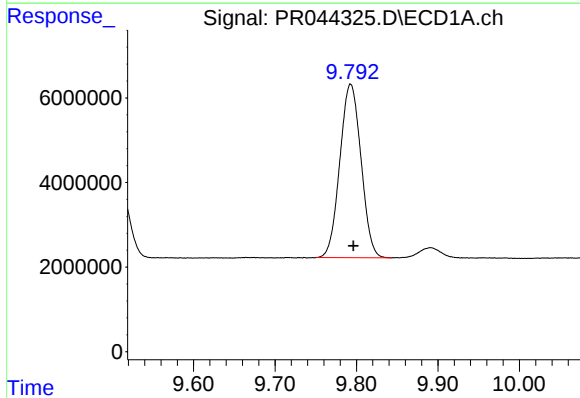
R.T.: 9.337 min
Delta R.T.: -0.003 min
Response: 4182078
Conc: 5.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660318



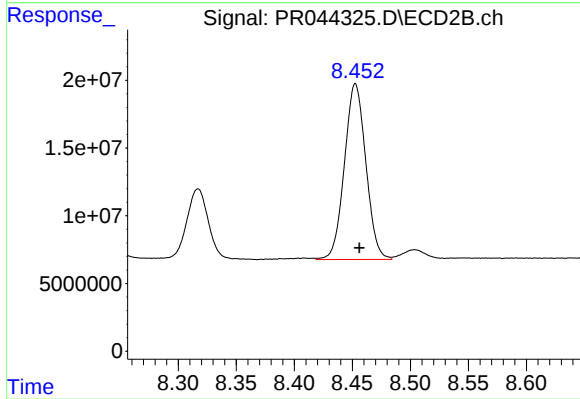
#43 AR-1268-3

R.T.: 8.150 min
Delta R.T.: -0.002 min
Response: 10157915
Conc: 5.04 ng/ml



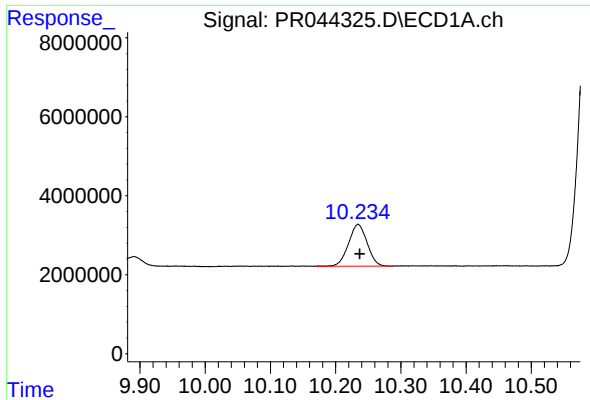
#44 AR-1268-4

R.T.: 9.793 min
Delta R.T.: -0.003 min
Response: 74046124
Conc: 213.68 ng/ml



#44 AR-1268-4

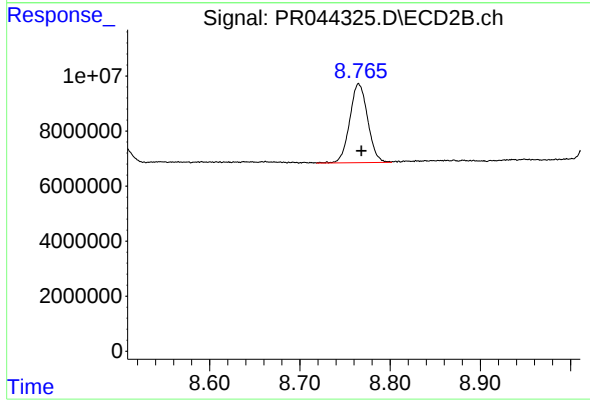
R.T.: 8.453 min
Delta R.T.: -0.003 min
Response: 166557309
Conc: 199.60 ng/ml



#45 AR-1268-5

R.T.: 10.234 min
Delta R.T.: -0.002 min
Response: 20990050
Conc: 7.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660318



#45 AR-1268-5

R.T.: 8.765 min
Delta R.T.: -0.003 min
Response: 39601916
Conc: 6.86 ng/ml