

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR010820\
 Data File : PR044274.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jan 2020 11:23
 Operator : AJ\MA
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660316

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 09 01:38:22 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR010220CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 03:39:33 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	3.962	72320346	177.4E6	19.414	19.096
2)	SA Decachlor...	10.594	9.040	241.3E6	501.2E6	45.711	45.729
Target Compounds							
3)	L1 AR-1016-1	5.875	5.051	67883237	127.5E6	424.900	401.034
4)	L1 AR-1016-2	5.898	5.070	96340653	173.8E6	425.944	409.341
5)	L1 AR-1016-3	5.960	5.248	59280432	89166254	429.723	420.254
6)	L1 AR-1016-4	6.061	5.288	49129548	69567368	432.471	427.736
7)	L1 AR-1016-5	6.354	5.504	50794095	96375838	444.327	436.528
8)	L2 AR-1221-1	4.904	4.170	4719907	14704164	98.244	119.372
9)	L2 AR-1221-2	4.997	4.259	6155130	17404408	180.377	198.164
10)	L2 AR-1221-3	5.075	4.335	27971586	71419040	242.167	243.164
11)	L3 AR-1232-1	5.075	4.335	27971586	71419040	300.073	300.786
12)	L3 AR-1232-2	5.608	5.070	43217678	173.8E6	874.864	861.591
13)	L3 AR-1232-3	5.898	5.248	96340653	89166254	927.151	914.125
14)	L3 AR-1232-4	6.061	5.331	49129548	85490653	945.057	1062.404
15)	L3 AR-1232-5	6.147	5.504	44062857	96375838	1143.615	1053.679
16)	L4 AR-1242-1	5.875	5.051	67883237	127.5E6	386.422	352.767
17)	L4 AR-1242-2	5.898	5.070	96340653	173.8E6	398.184	358.270
18)	L4 AR-1242-3	5.960	5.248	59280432	89166254	392.843	384.729
19)	L4 AR-1242-4	6.061	5.331	49129548	85490653	404.894	411.135
20)	L4 AR-1242-5	6.797	5.857	7974352	85295966	56.874	242.692 #
21)	L5 AR-1248-1	5.875	5.051	67883237	127.5E6	777.980	735.408
22)	L5 AR-1248-2	6.147	5.288	44062857	69567368	363.509	360.957
23)	L5 AR-1248-3	6.354	5.331	50794095	85490653	372.067	437.007
24)	L5 AR-1248-4	6.757	5.504	9287393	96375838	55.581	381.782 #
25)	L5 AR-1248-5	6.797	5.897	7974352	17170765	50.163	54.065
26)	L6 AR-1254-1	6.731	5.857	36754577	85295966	206.209	178.488
27)	L6 AR-1254-2	6.946	6.003	42146050	84516513	147.920	188.071 #
28)	L6 AR-1254-3	7.317	6.422	25531055	218.3E6	82.739	281.859 #
29)	L6 AR-1254-4	7.601	6.636	18554406	31732010	75.854	53.027 #
30)	L6 AR-1254-5	8.021	7.053	164.6E6	367.6E6	607.524	534.431
31)	L7 AR-1260-1	7.479	6.538	106.5E6	242.8E6	462.543	456.250
32)	L7 AR-1260-2	7.734	6.725	134.5E6	365.9E6	463.160	458.467
33)	L7 AR-1260-3	8.093	6.880	106.2E6	301.1E6	474.256	473.440
34)	L7 AR-1260-4	8.332	7.351	126.5E6	273.7E6	474.698	473.212
35)	L7 AR-1260-5	8.668	7.592	276.5E6	831.8E6	471.946	478.870
36)	L8 AR-1262-1	8.153	7.053	55182009	367.6E6	461.146	995.900 #
37)	L8 AR-1262-2	8.668	7.592	276.5E6	831.8E6	452.816	483.715
38)	L8 AR-1262-3	9.018	7.876	177.9E6	190.6E6	422.225	266.648 #
39)	L8 AR-1262-4	9.076	7.940	109.7E6	547.4E6	346.375	455.419 #
40)	L8 AR-1262-5	9.794	8.453	87251520	214.9E6	349.303	353.038
41)	L9 AR-1268-1	9.018	7.876	177.9E6	190.6E6	232.313	88.437 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR010820\
 Data File : PR044274.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jan 2020 11:23
 Operator : AJ\MA
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

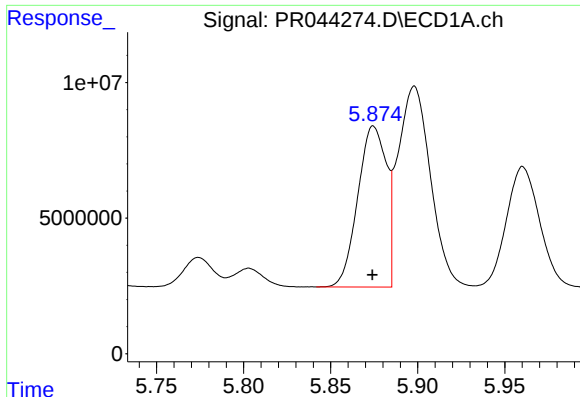
Instrument :
 ECD_R
 ClientSampleId :
 AR1660316

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 09 01:38:22 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR010220CLP.M
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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
42) L9	AR-1268-2	9.076	7.940	109.7E6	547.4E6	152.804	293.660 #
43) L9	AR-1268-3	9.337	8.151	5319319	15161879	8.838	9.534
44) L9	AR-1268-4	9.794	8.453	87251520	214.9E6	302.860	303.202
45) L9	AR-1268-5	10.234	8.766	24397423	52572512	10.618	10.302

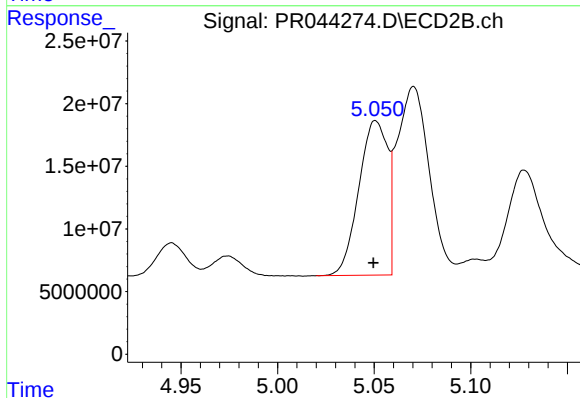
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

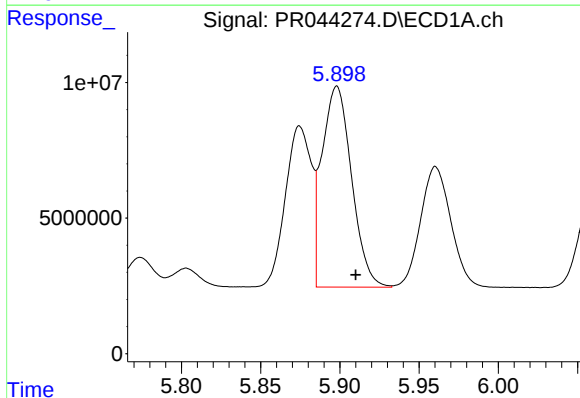
R.T.: 5.875 min
Delta R.T.: 0.000 min
Response: 67883237
Conc: 424.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660316



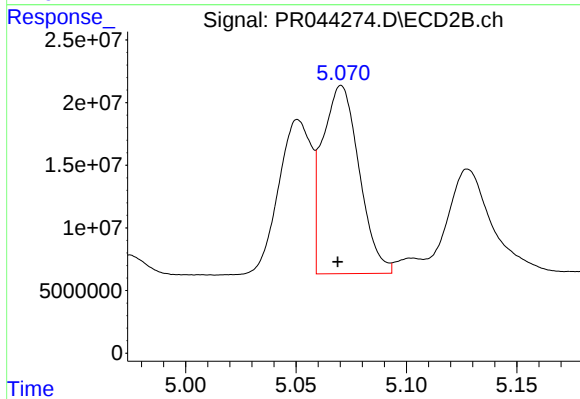
#3 AR-1016-1

R.T.: 5.051 min
Delta R.T.: 0.001 min
Response: 127545354
Conc: 401.03 ng/ml



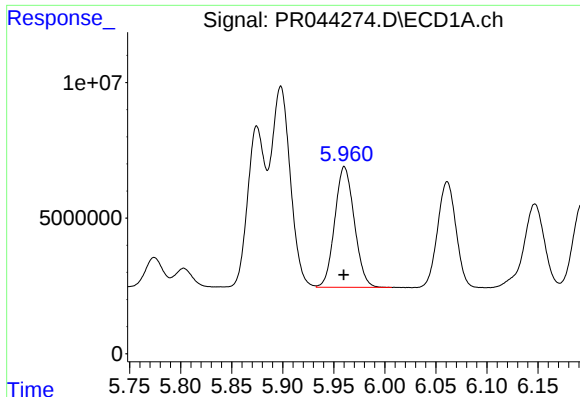
#4 AR-1016-2

R.T.: 5.898 min
Delta R.T.: -0.012 min
Response: 96340653
Conc: 425.94 ng/ml



#4 AR-1016-2

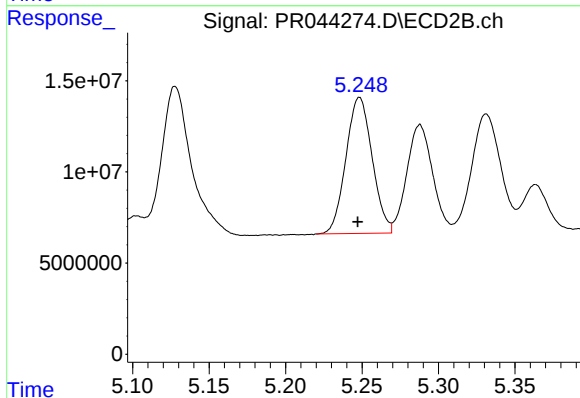
R.T.: 5.070 min
Delta R.T.: 0.002 min
Response: 173813154
Conc: 409.34 ng/ml



#5 AR-1016-3

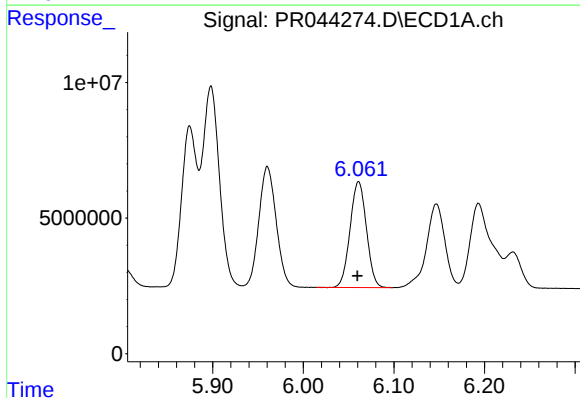
R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 59280432
Conc: 429.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660316



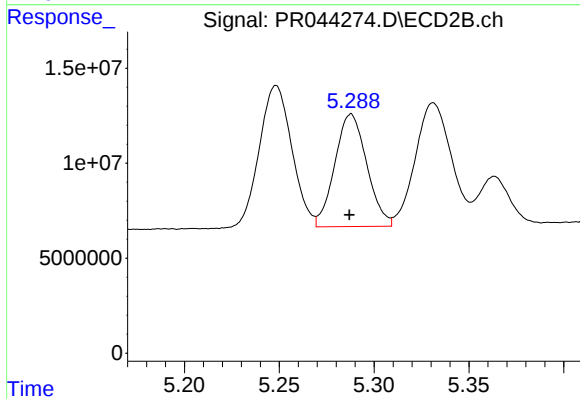
#5 AR-1016-3

R.T.: 5.248 min
Delta R.T.: 0.001 min
Response: 89166254
Conc: 420.25 ng/ml



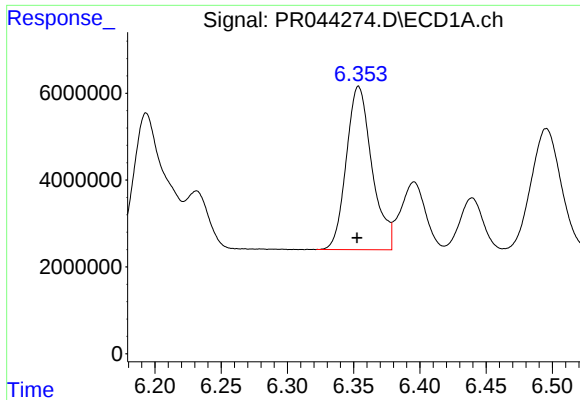
#6 AR-1016-4

R.T.: 6.061 min
Delta R.T.: 0.001 min
Response: 49129548
Conc: 432.47 ng/ml



#6 AR-1016-4

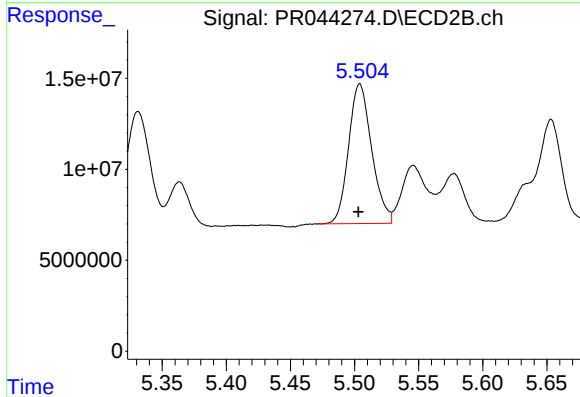
R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 69567368
Conc: 427.74 ng/ml



#7 AR-1016-5

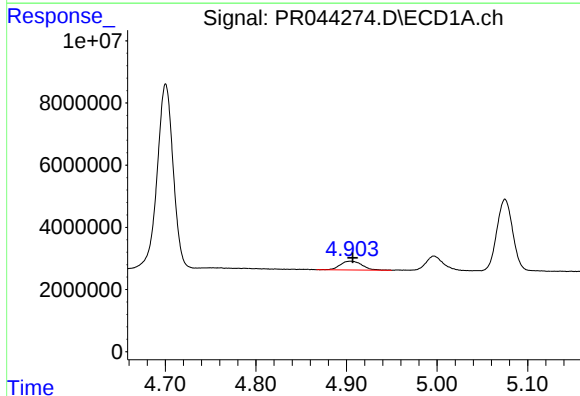
R.T.: 6.354 min
Delta R.T.: 0.001 min
Response: 50794095
Conc: 444.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660316



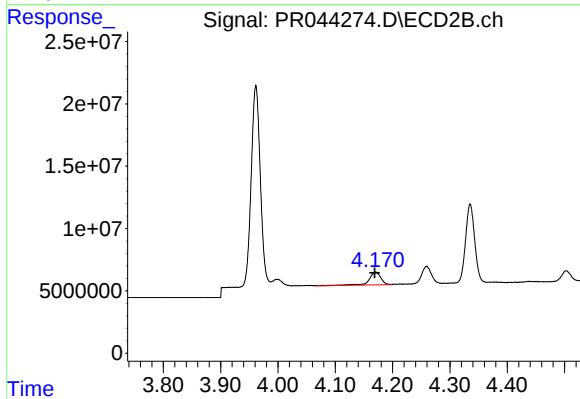
#7 AR-1016-5

R.T.: 5.504 min
Delta R.T.: 0.001 min
Response: 96375838
Conc: 436.53 ng/ml



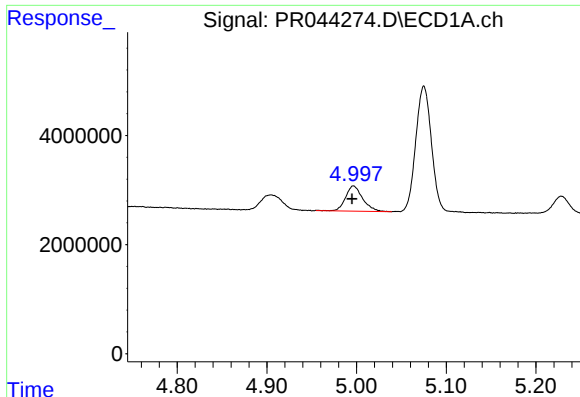
#8 AR-1221-1

R.T.: 4.904 min
Delta R.T.: -0.002 min
Response: 4719907
Conc: 98.24 ng/ml



#8 AR-1221-1

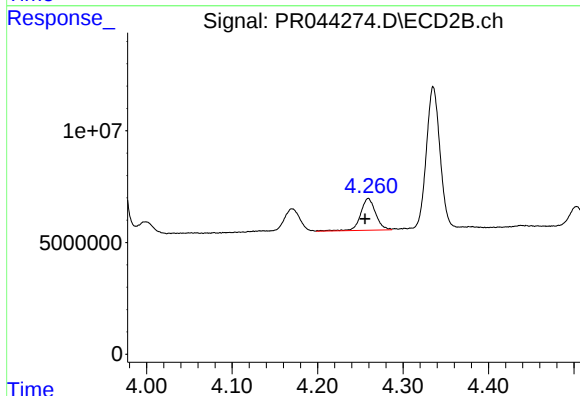
R.T.: 4.170 min
Delta R.T.: 0.001 min
Response: 14704164
Conc: 119.37 ng/ml



#9 AR-1221-2

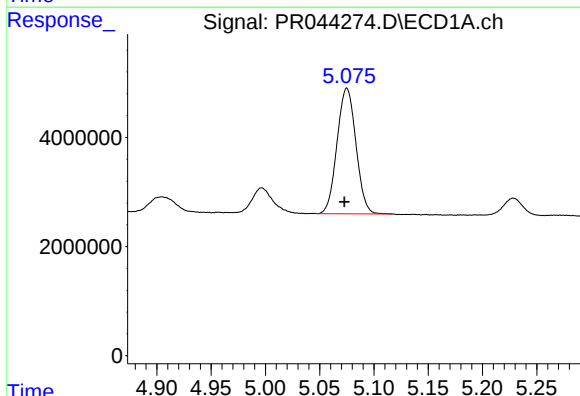
R.T.: 4.997 min
Delta R.T.: 0.002 min
Response: 6155130
Conc: 180.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660316



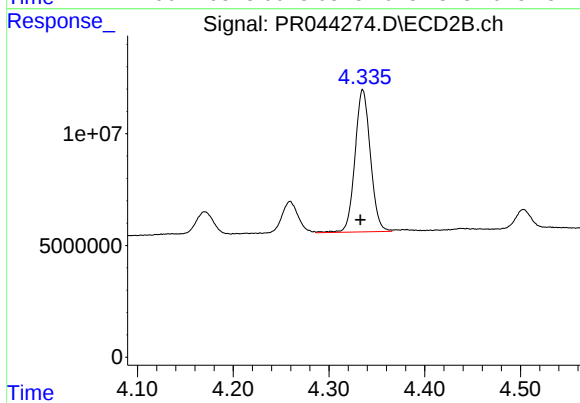
#9 AR-1221-2

R.T.: 4.259 min
Delta R.T.: 0.004 min
Response: 17404408
Conc: 198.16 ng/ml



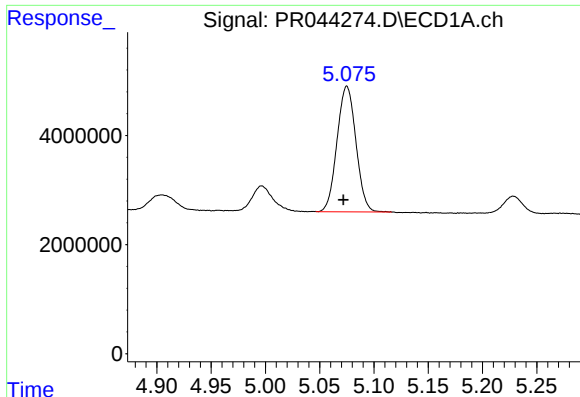
#10 AR-1221-3

R.T.: 5.075 min
Delta R.T.: 0.002 min
Response: 27971586
Conc: 242.17 ng/ml



#10 AR-1221-3

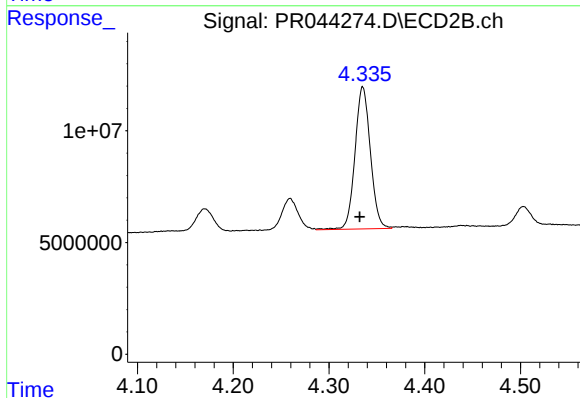
R.T.: 4.335 min
Delta R.T.: 0.002 min
Response: 71419040
Conc: 243.16 ng/ml



#11 AR-1232-1

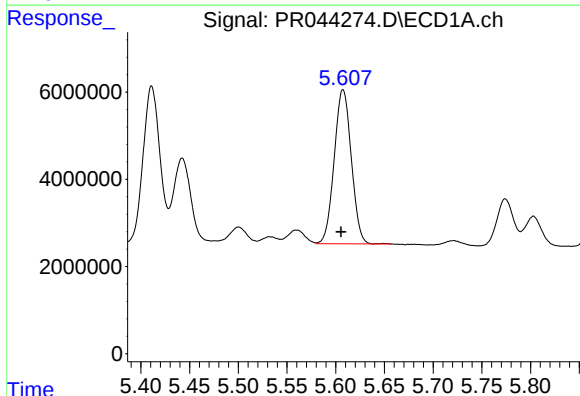
R.T.: 5.075 min
Delta R.T.: 0.003 min
Response: 27971586
Conc: 300.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660316



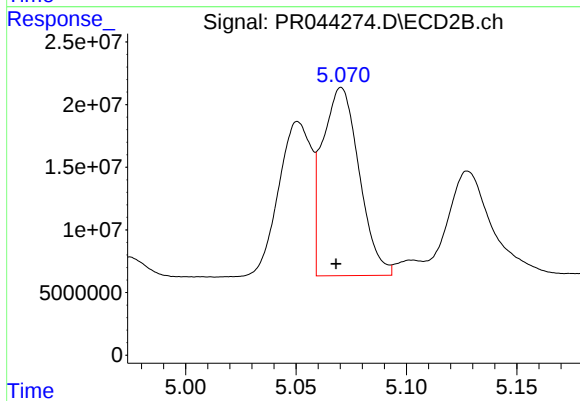
#11 AR-1232-1

R.T.: 4.335 min
Delta R.T.: 0.003 min
Response: 71419040
Conc: 300.79 ng/ml



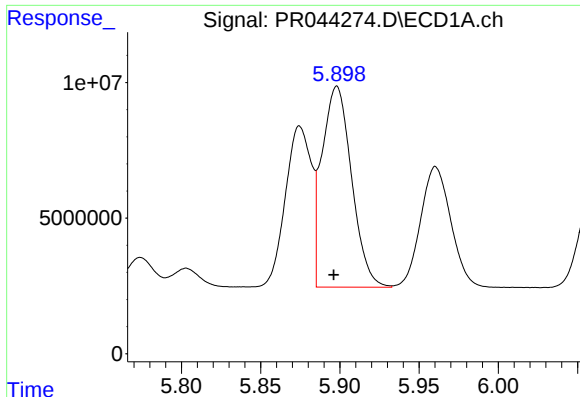
#12 AR-1232-2

R.T.: 5.608 min
Delta R.T.: 0.002 min
Response: 43217678
Conc: 874.86 ng/ml



#12 AR-1232-2

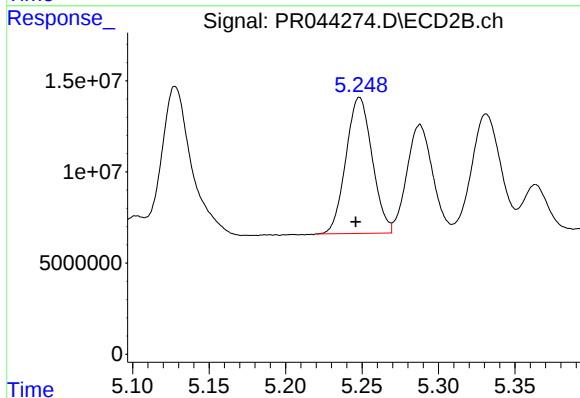
R.T.: 5.070 min
Delta R.T.: 0.002 min
Response: 173813154
Conc: 861.59 ng/ml



#13 AR-1232-3

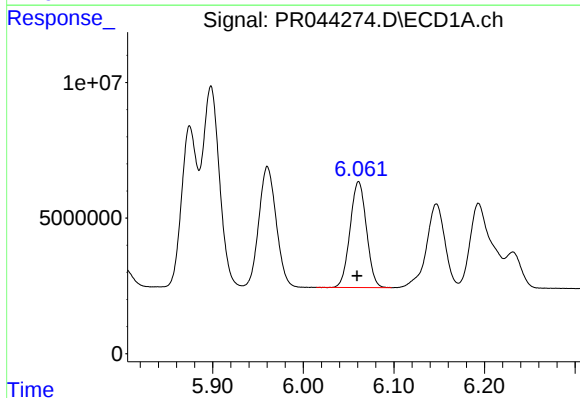
R.T.: 5.898 min
Delta R.T.: 0.002 min
Response: 96340653
Conc: 927.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660316



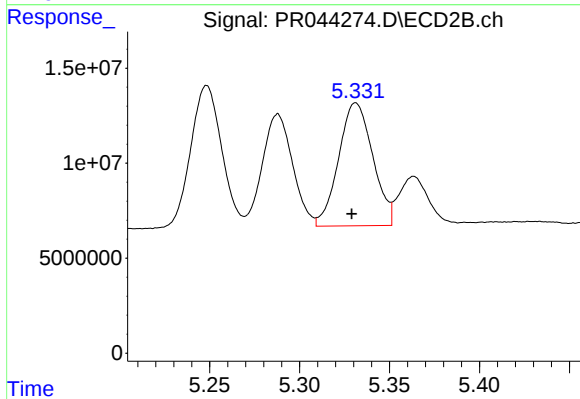
#13 AR-1232-3

R.T.: 5.248 min
Delta R.T.: 0.002 min
Response: 89166254
Conc: 914.13 ng/ml



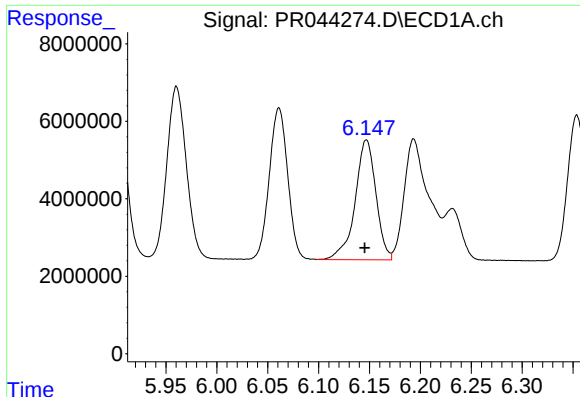
#14 AR-1232-4

R.T.: 6.061 min
Delta R.T.: 0.002 min
Response: 49129548
Conc: 945.06 ng/ml



#14 AR-1232-4

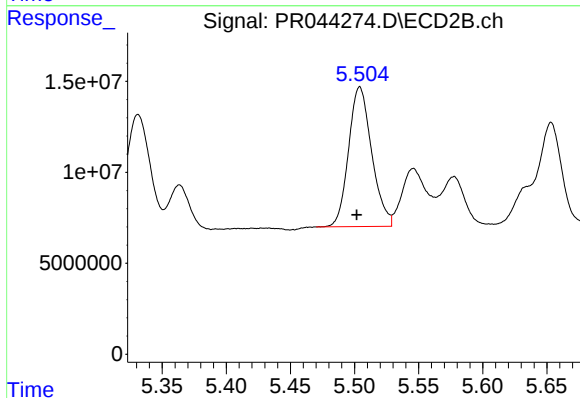
R.T.: 5.331 min
Delta R.T.: 0.002 min
Response: 85490653
Conc: 1062.40 ng/ml



#15 AR-1232-5

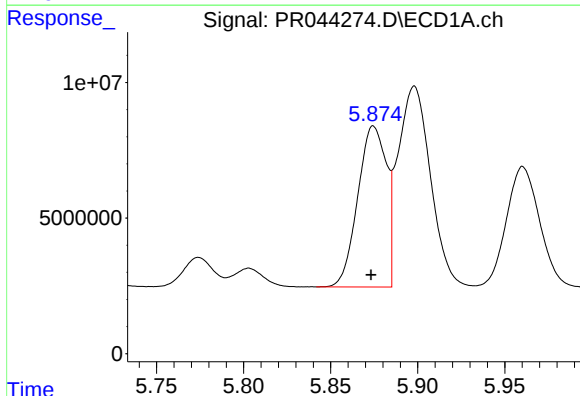
R.T.: 6.147 min
Delta R.T.: 0.002 min
Response: 44062857
Conc: 1143.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660316



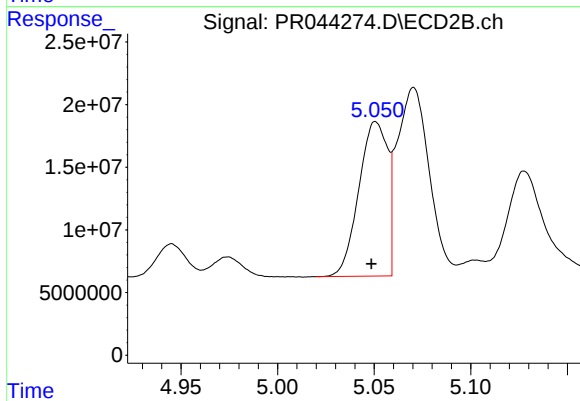
#15 AR-1232-5

R.T.: 5.504 min
Delta R.T.: 0.002 min
Response: 96375838
Conc: 1053.68 ng/ml



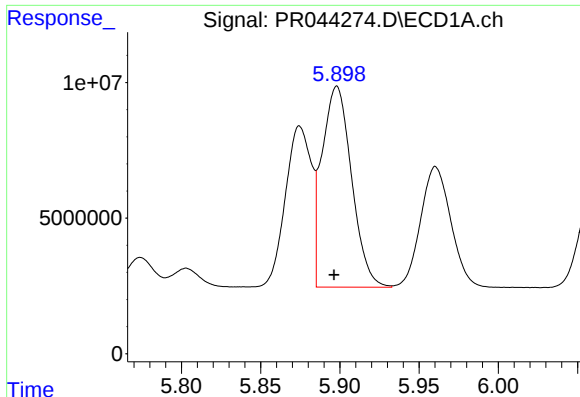
#16 AR-1242-1

R.T.: 5.875 min
Delta R.T.: 0.001 min
Response: 67883237
Conc: 386.42 ng/ml



#16 AR-1242-1

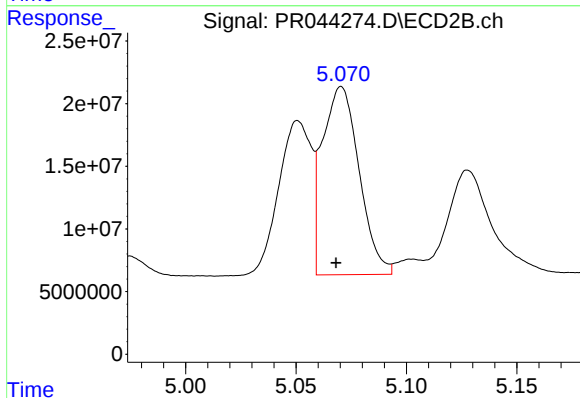
R.T.: 5.051 min
Delta R.T.: 0.002 min
Response: 127545354
Conc: 352.77 ng/ml



#17 AR-1242-2

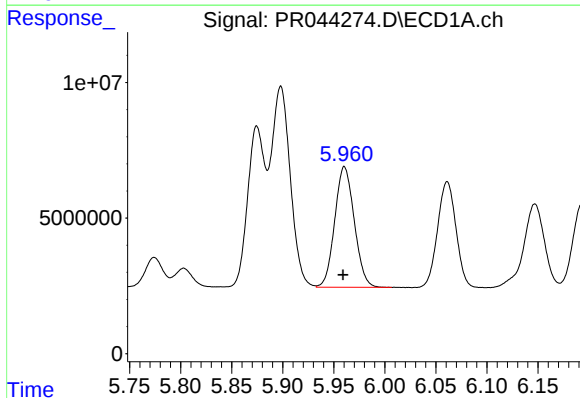
R.T.: 5.898 min
Delta R.T.: 0.002 min
Response: 96340653
Conc: 398.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660316



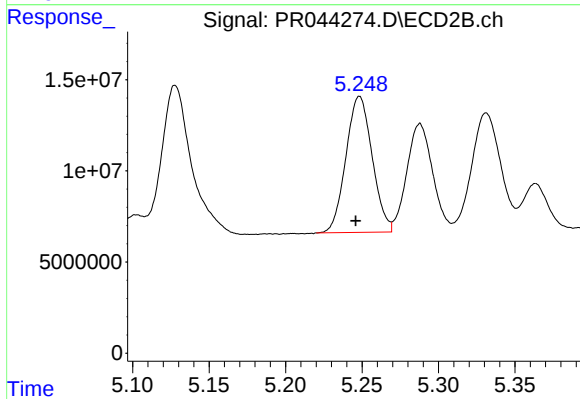
#17 AR-1242-2

R.T.: 5.070 min
Delta R.T.: 0.002 min
Response: 173813154
Conc: 358.27 ng/ml



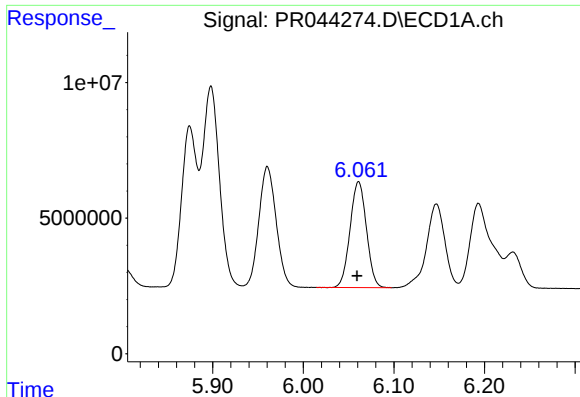
#18 AR-1242-3

R.T.: 5.960 min
Delta R.T.: 0.001 min
Response: 59280432
Conc: 392.84 ng/ml



#18 AR-1242-3

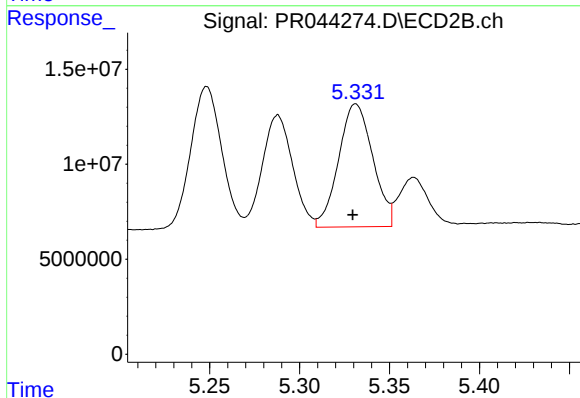
R.T.: 5.248 min
Delta R.T.: 0.002 min
Response: 89166254
Conc: 384.73 ng/ml



#19 AR-1242-4

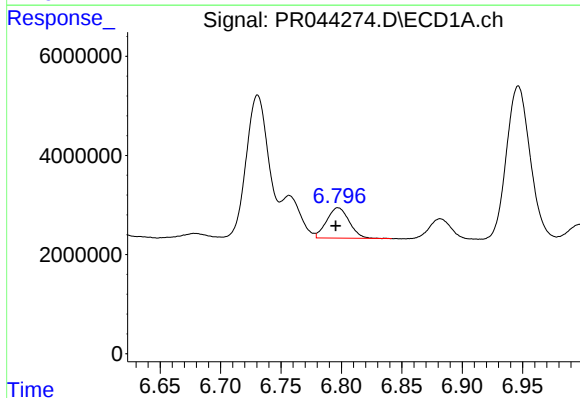
R.T.: 6.061 min
Delta R.T.: 0.002 min
Response: 49129548
Conc: 404.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660316



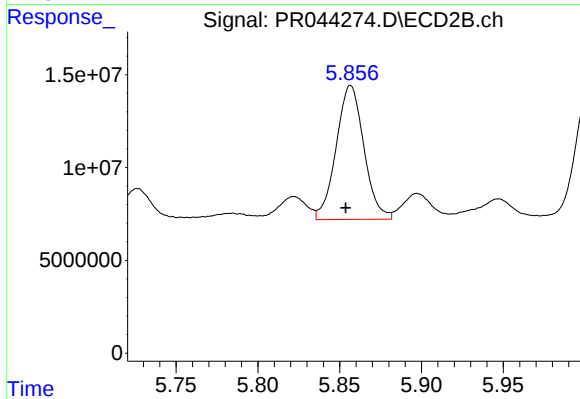
#19 AR-1242-4

R.T.: 5.331 min
Delta R.T.: 0.002 min
Response: 85490653
Conc: 411.13 ng/ml



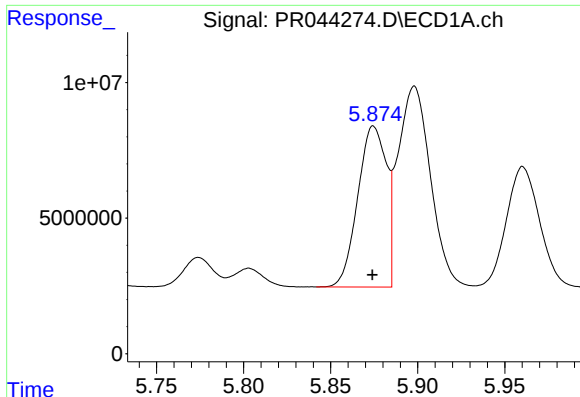
#20 AR-1242-5

R.T.: 6.797 min
Delta R.T.: 0.002 min
Response: 7974352
Conc: 56.87 ng/ml



#20 AR-1242-5

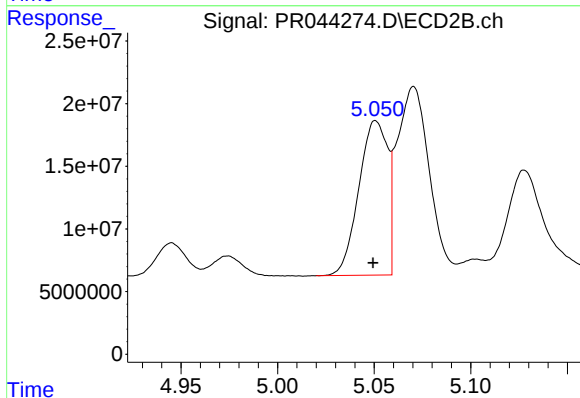
R.T.: 5.857 min
Delta R.T.: 0.003 min
Response: 85295966
Conc: 242.69 ng/ml



#21 AR-1248-1

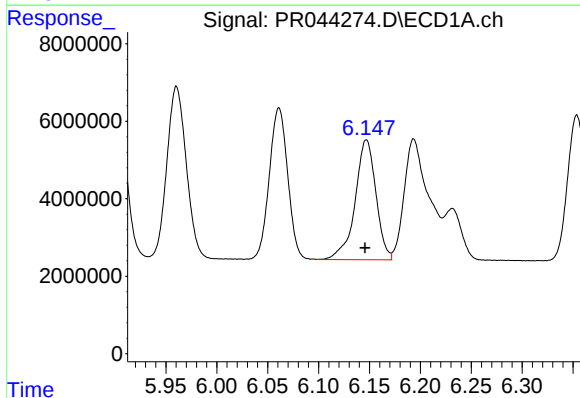
R.T.: 5.875 min
Delta R.T.: 0.000 min
Response: 67883237
Conc: 777.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660316



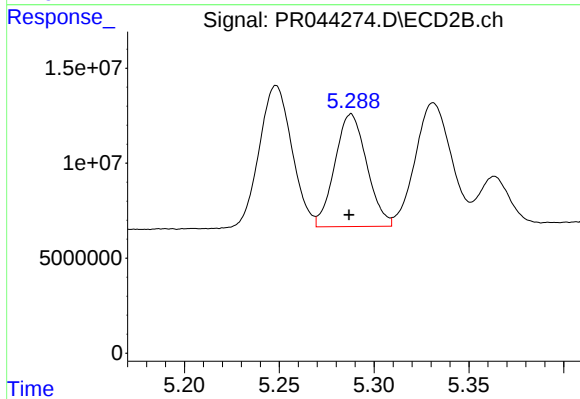
#21 AR-1248-1

R.T.: 5.051 min
Delta R.T.: 0.001 min
Response: 127545354
Conc: 735.41 ng/ml



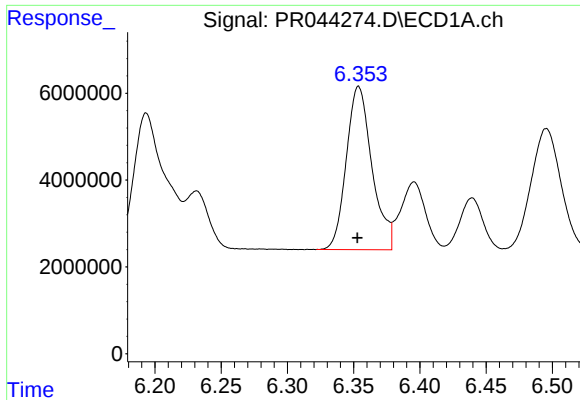
#22 AR-1248-2

R.T.: 6.147 min
Delta R.T.: 0.001 min
Response: 44062857
Conc: 363.51 ng/ml



#22 AR-1248-2

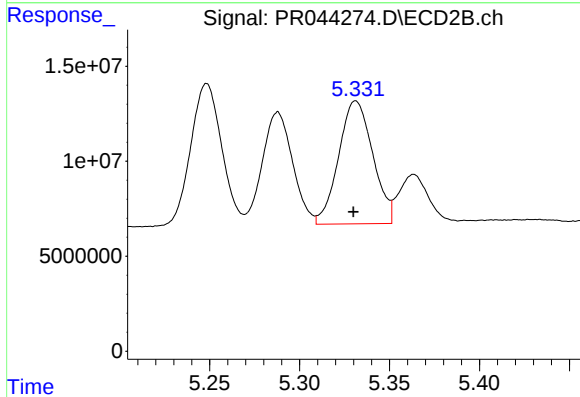
R.T.: 5.288 min
Delta R.T.: 0.001 min
Response: 69567368
Conc: 360.96 ng/ml



#23 AR-1248-3

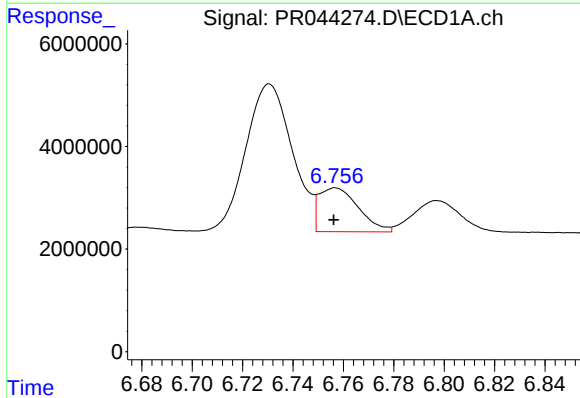
R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 50794095
Conc: 372.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660316



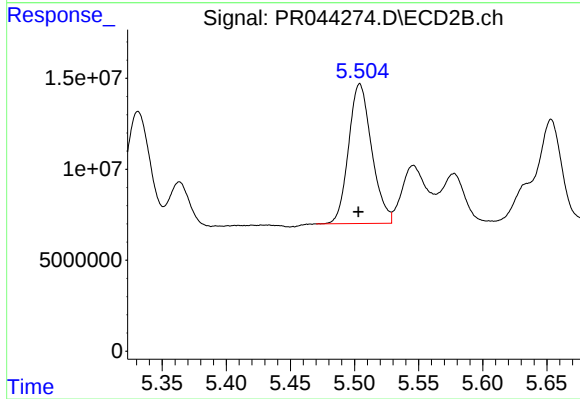
#23 AR-1248-3

R.T.: 5.331 min
Delta R.T.: 0.001 min
Response: 85490653
Conc: 437.01 ng/ml



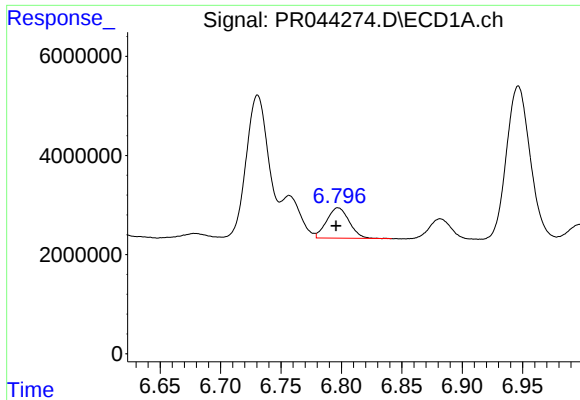
#24 AR-1248-4

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 9287393
Conc: 55.58 ng/ml



#24 AR-1248-4

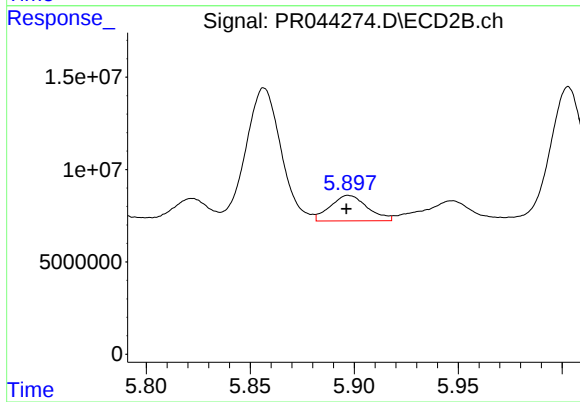
R.T.: 5.504 min
Delta R.T.: 0.001 min
Response: 96375838
Conc: 381.78 ng/ml



#25 AR-1248-5

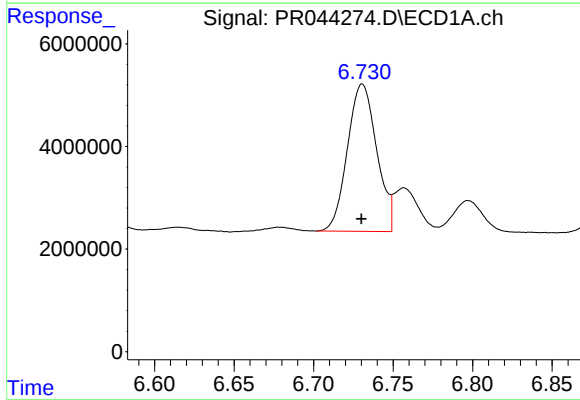
R.T.: 6.797 min
Delta R.T.: 0.002 min
Response: 7974352
Conc: 50.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660316



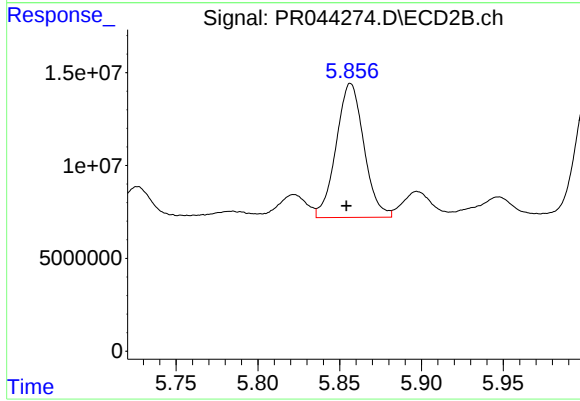
#25 AR-1248-5

R.T.: 5.897 min
Delta R.T.: 0.001 min
Response: 17170765
Conc: 54.07 ng/ml



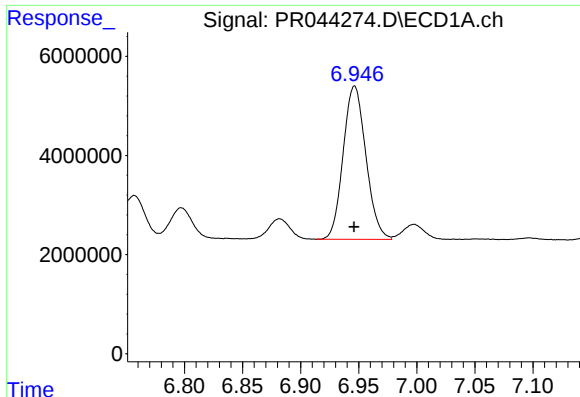
#26 AR-1254-1

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 36754577
Conc: 206.21 ng/ml



#26 AR-1254-1

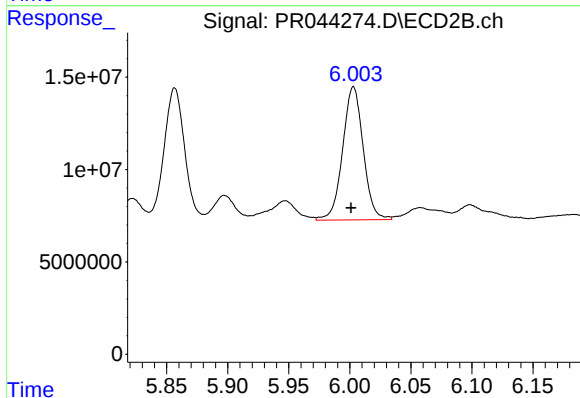
R.T.: 5.857 min
Delta R.T.: 0.003 min
Response: 85295966
Conc: 178.49 ng/ml



#27 AR-1254-2

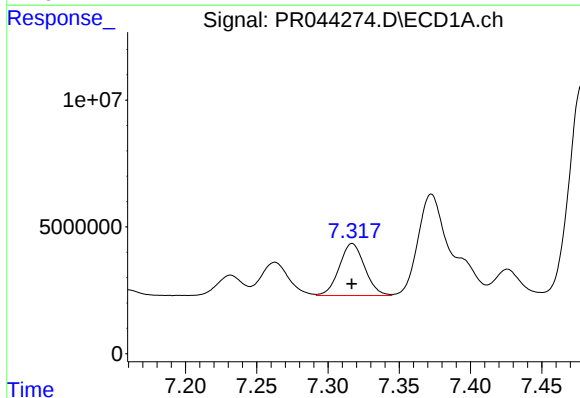
R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 42146050
Conc: 147.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660316



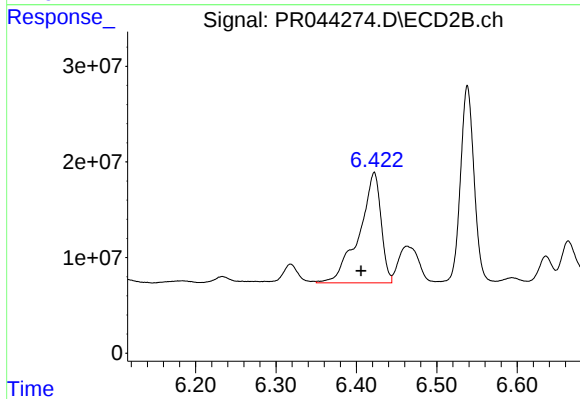
#27 AR-1254-2

R.T.: 6.003 min
Delta R.T.: 0.002 min
Response: 84516513
Conc: 188.07 ng/ml



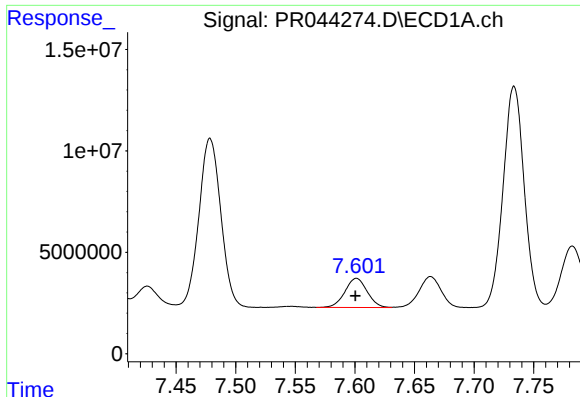
#28 AR-1254-3

R.T.: 7.317 min
Delta R.T.: 0.000 min
Response: 25531055
Conc: 82.74 ng/ml



#28 AR-1254-3

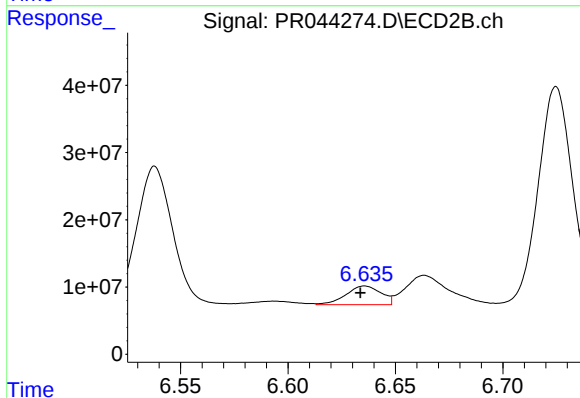
R.T.: 6.422 min
Delta R.T.: 0.016 min
Response: 218272403
Conc: 281.86 ng/ml



#29 AR-1254-4

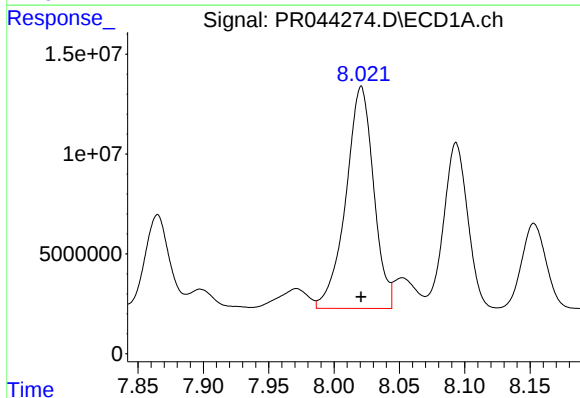
R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 18554406
Conc: 75.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660316



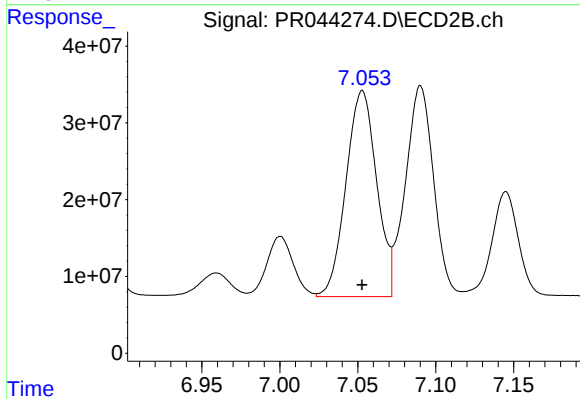
#29 AR-1254-4

R.T.: 6.636 min
Delta R.T.: 0.002 min
Response: 31732010
Conc: 53.03 ng/ml



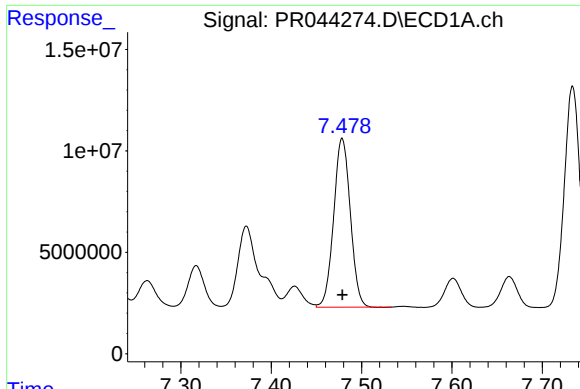
#30 AR-1254-5

R.T.: 8.021 min
Delta R.T.: 0.000 min
Response: 164594506
Conc: 607.52 ng/ml



#30 AR-1254-5

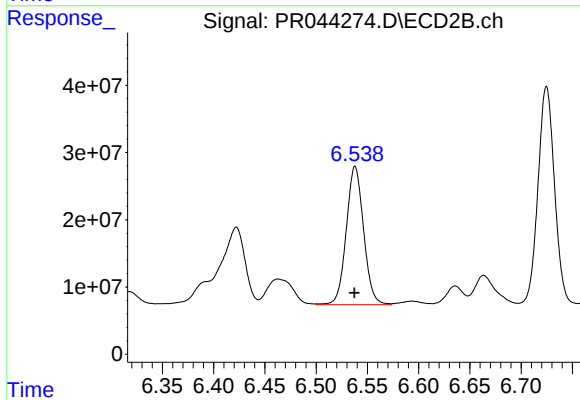
R.T.: 7.053 min
Delta R.T.: 0.000 min
Response: 367584332
Conc: 534.43 ng/ml



#31 AR-1260-1

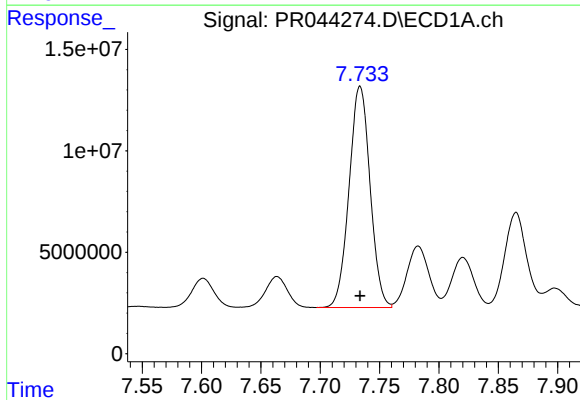
R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 106546137
Conc: 462.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660316



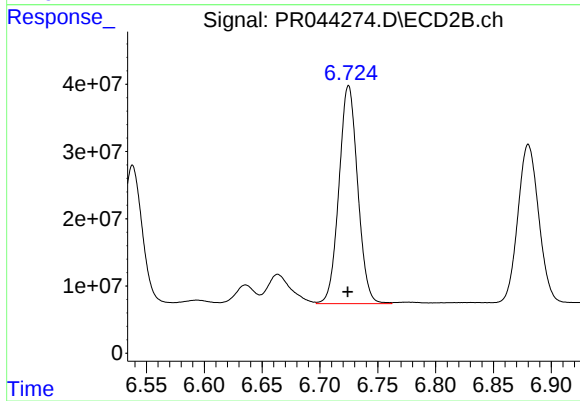
#31 AR-1260-1

R.T.: 6.538 min
Delta R.T.: 0.000 min
Response: 242769137
Conc: 456.25 ng/ml



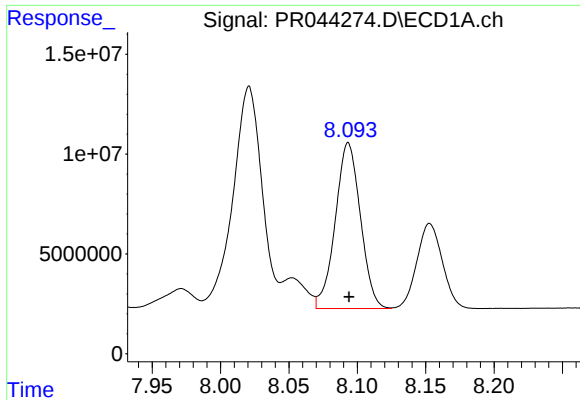
#32 AR-1260-2

R.T.: 7.734 min
Delta R.T.: 0.000 min
Response: 134525787
Conc: 463.16 ng/ml



#32 AR-1260-2

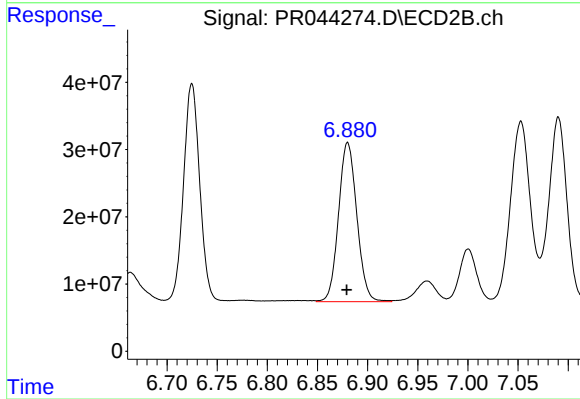
R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 365853743
Conc: 458.47 ng/ml



#33 AR-1260-3

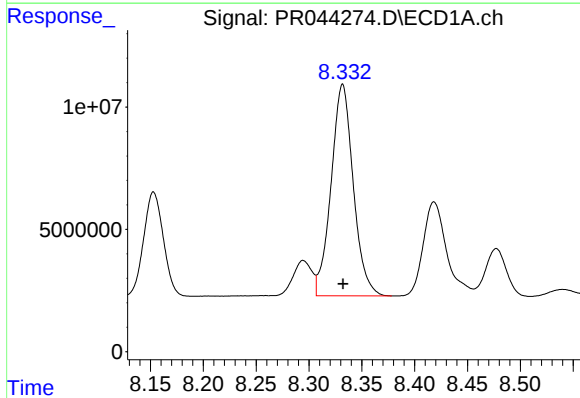
R.T.: 8.093 min
Delta R.T.: 0.000 min
Response: 106174614
Conc: 474.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660316



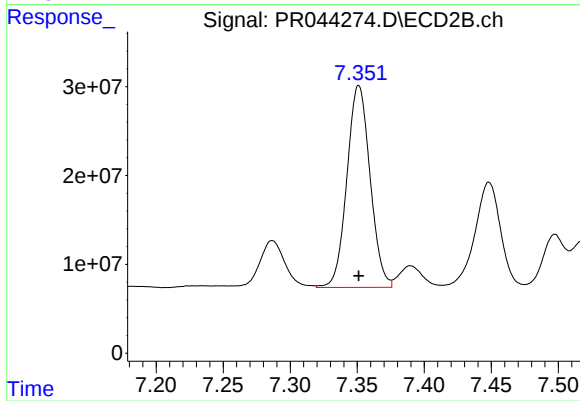
#33 AR-1260-3

R.T.: 6.880 min
Delta R.T.: 0.000 min
Response: 301098600
Conc: 473.44 ng/ml



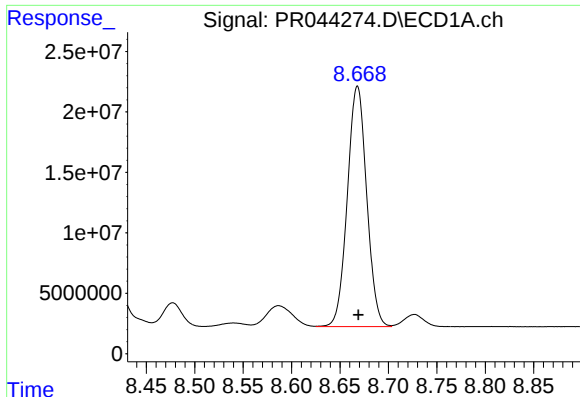
#34 AR-1260-4

R.T.: 8.332 min
Delta R.T.: 0.000 min
Response: 126490655
Conc: 474.70 ng/ml



#34 AR-1260-4

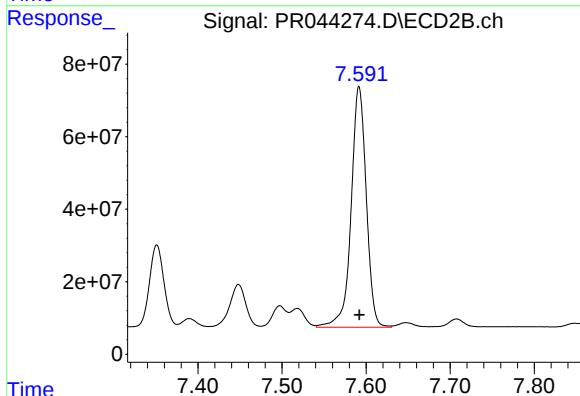
R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 273654350
Conc: 473.21 ng/ml



#35 AR-1260-5

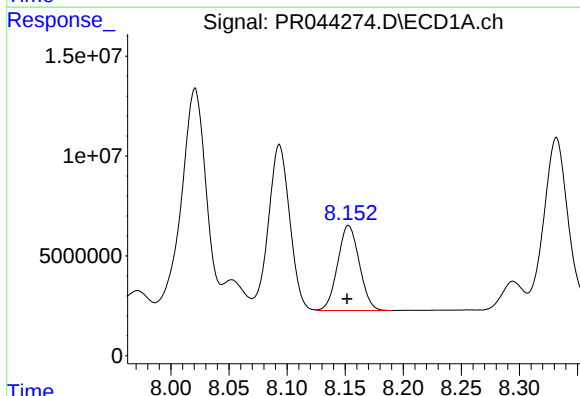
R.T.: 8.668 min
Delta R.T.: 0.000 min
Response: 276450977
Conc: 471.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660316



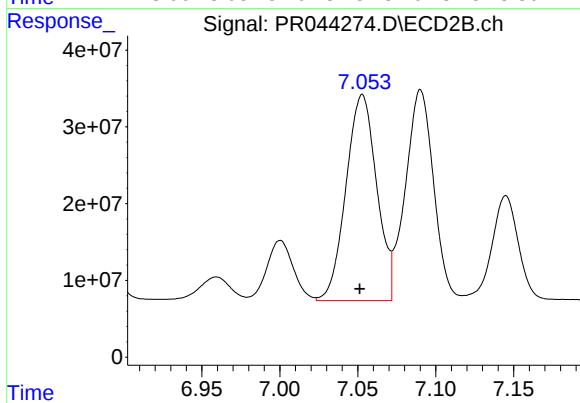
#35 AR-1260-5

R.T.: 7.592 min
Delta R.T.: 0.000 min
Response: 831832318
Conc: 478.87 ng/ml



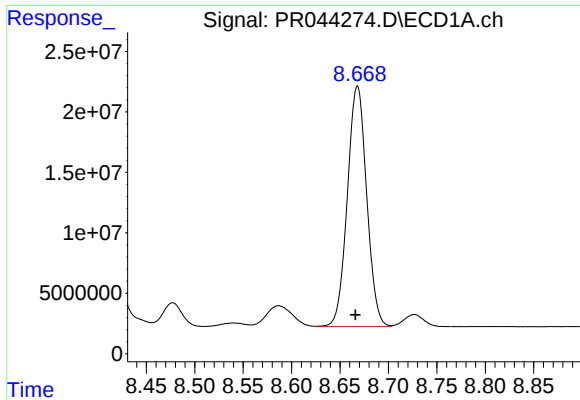
#36 AR-1262-1

R.T.: 8.153 min
Delta R.T.: 0.001 min
Response: 55182009
Conc: 461.15 ng/ml



#36 AR-1262-1

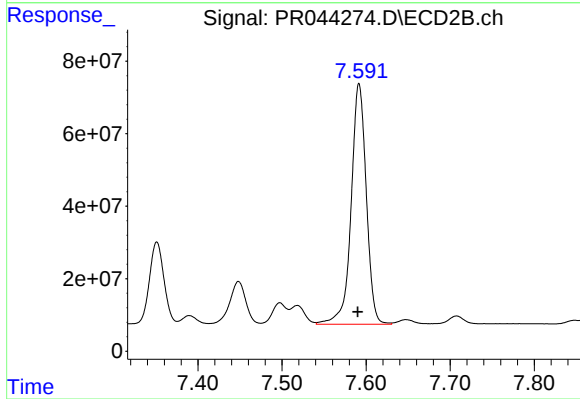
R.T.: 7.053 min
Delta R.T.: 0.002 min
Response: 367584332
Conc: 995.90 ng/ml



#37 AR-1262-2

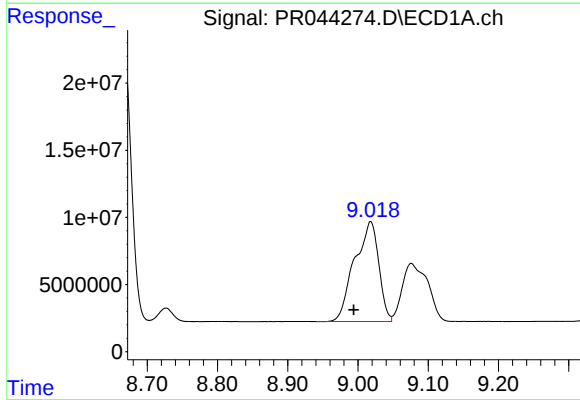
R.T.: 8.668 min
Delta R.T.: 0.002 min
Response: 276450977
Conc: 452.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660316



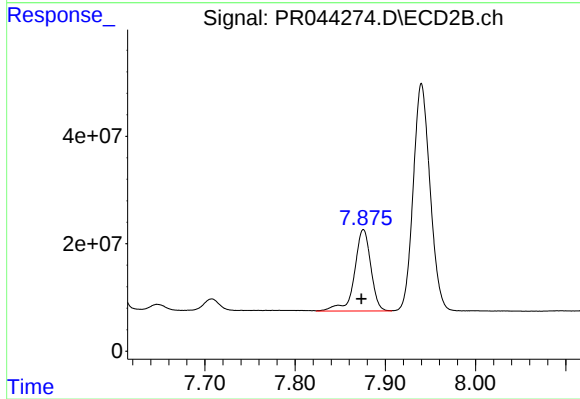
#37 AR-1262-2

R.T.: 7.592 min
Delta R.T.: 0.002 min
Response: 831832318
Conc: 483.72 ng/ml



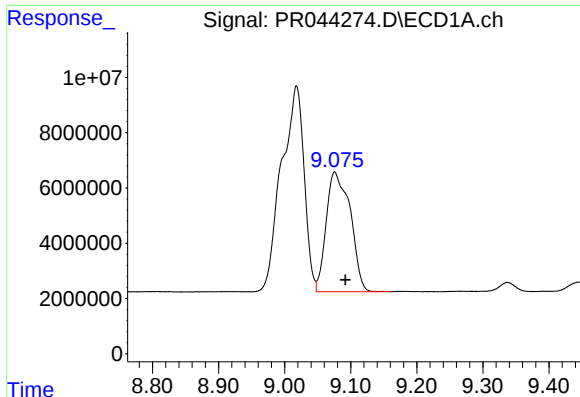
#38 AR-1262-3

R.T.: 9.018 min
Delta R.T.: 0.024 min
Response: 177927389
Conc: 422.23 ng/ml



#38 AR-1262-3

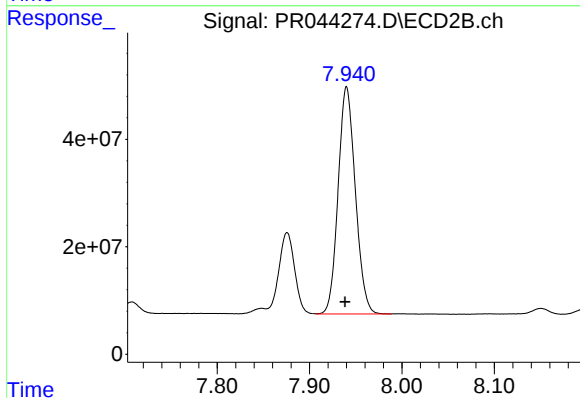
R.T.: 7.876 min
Delta R.T.: 0.002 min
Response: 190611737
Conc: 266.65 ng/ml



#39 AR-1262-4

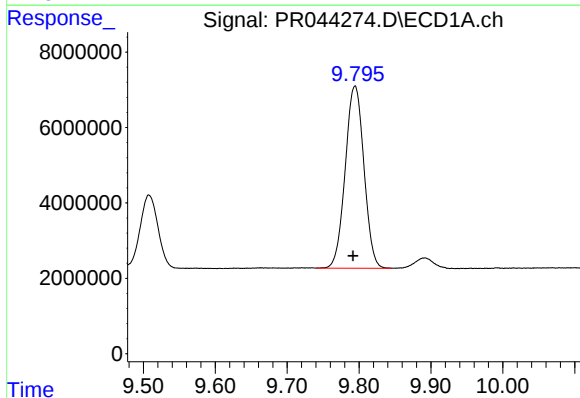
R.T.: 9.076 min
Delta R.T.: -0.016 min
Response: 109658860
Conc: 346.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660316



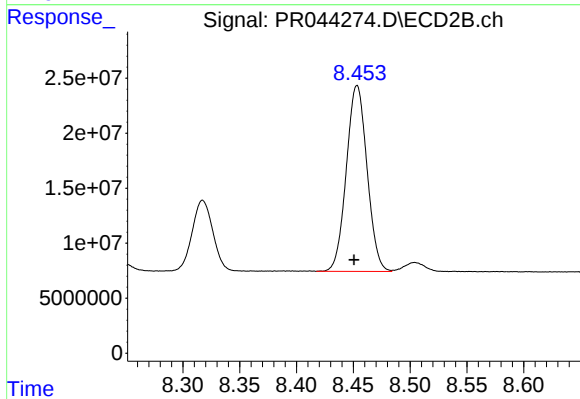
#39 AR-1262-4

R.T.: 7.940 min
Delta R.T.: 0.002 min
Response: 547399055
Conc: 455.42 ng/ml



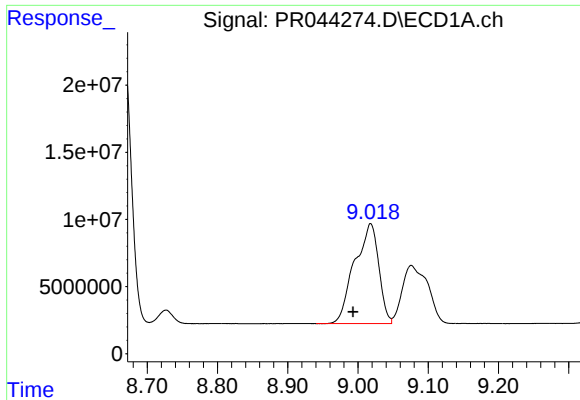
#40 AR-1262-5

R.T.: 9.794 min
Delta R.T.: 0.003 min
Response: 87251520
Conc: 349.30 ng/ml



#40 AR-1262-5

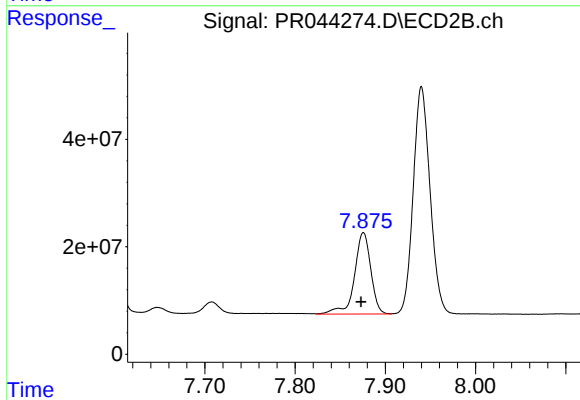
R.T.: 8.453 min
Delta R.T.: 0.003 min
Response: 214857623
Conc: 353.04 ng/ml



#41 AR-1268-1

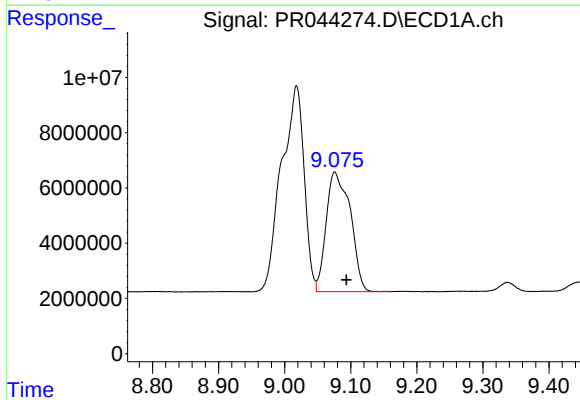
R.T.: 9.018 min
Delta R.T.: 0.025 min
Response: 177927389
Conc: 232.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660316



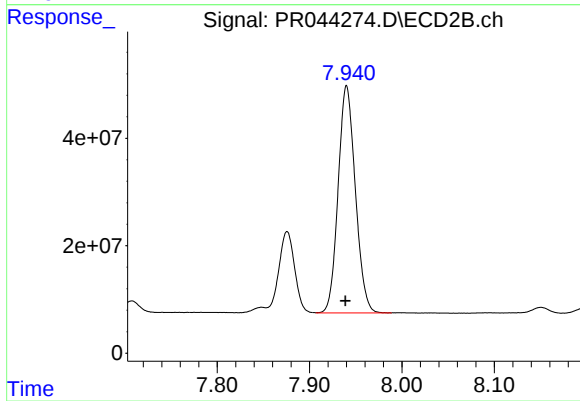
#41 AR-1268-1

R.T.: 7.876 min
Delta R.T.: 0.003 min
Response: 190611737
Conc: 88.44 ng/ml



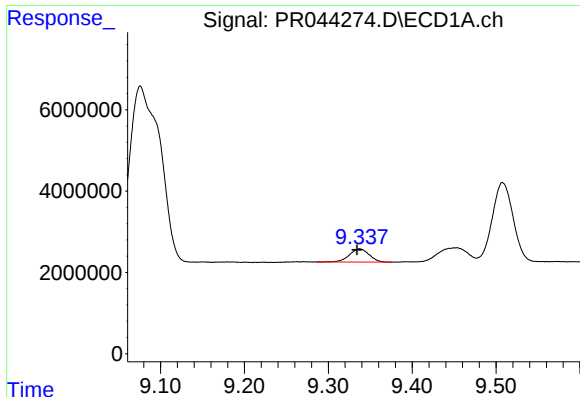
#42 AR-1268-2

R.T.: 9.076 min
Delta R.T.: -0.018 min
Response: 109658860
Conc: 152.80 ng/ml



#42 AR-1268-2

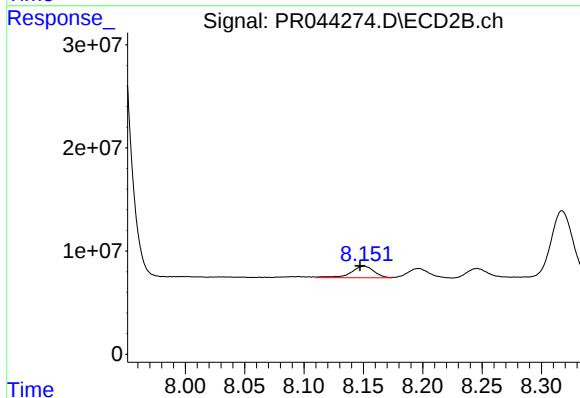
R.T.: 7.940 min
Delta R.T.: 0.001 min
Response: 547399055
Conc: 293.66 ng/ml



#43 AR-1268-3

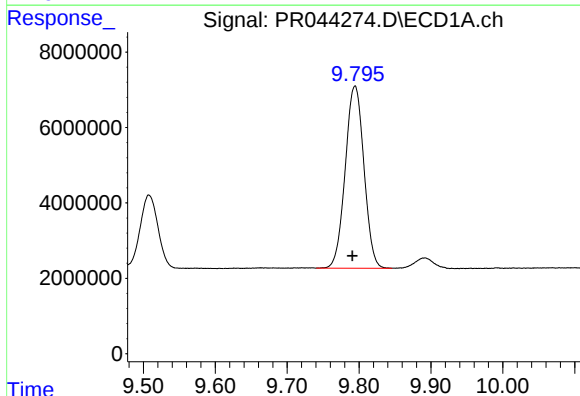
R.T.: 9.337 min
Delta R.T.: 0.003 min
Response: 5319319
Conc: 8.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660316



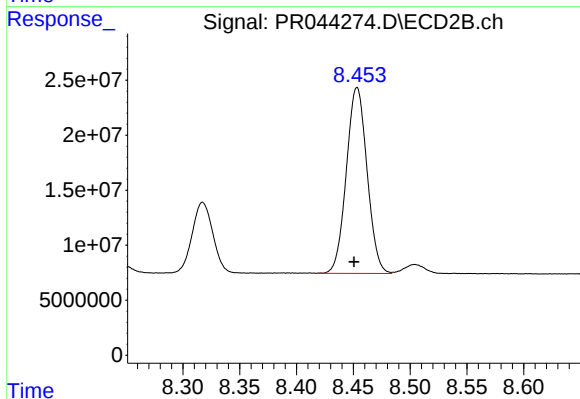
#43 AR-1268-3

R.T.: 8.151 min
Delta R.T.: 0.003 min
Response: 15161879
Conc: 9.53 ng/ml



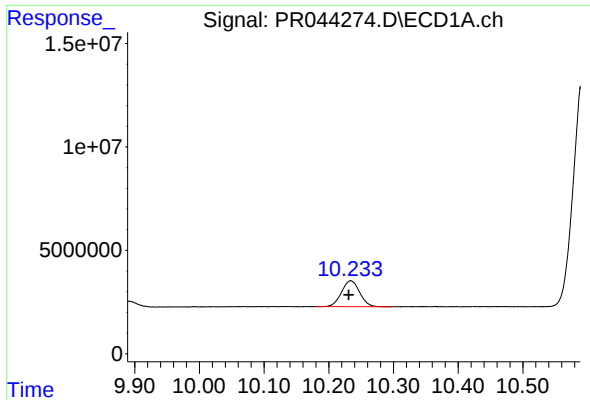
#44 AR-1268-4

R.T.: 9.794 min
Delta R.T.: 0.004 min
Response: 87251520
Conc: 302.86 ng/ml



#44 AR-1268-4

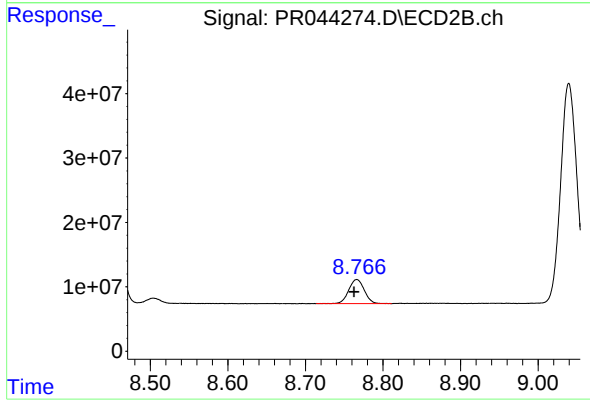
R.T.: 8.453 min
Delta R.T.: 0.003 min
Response: 214857623
Conc: 303.20 ng/ml



#45 AR-1268-5

R.T.: 10.234 min
Delta R.T.: 0.003 min
Response: 24397423
Conc: 10.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660316



#45 AR-1268-5

R.T.: 8.766 min
Delta R.T.: 0.003 min
Response: 52572512
Conc: 10.30 ng/ml