

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR010920\
 Data File : PR044336.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2020 17:08
 Operator : AJ\MA
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660319

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 10 22:08:15 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	100.2E6	214.7E6	19.710	18.705
2)	SA Decachlor...	10.595	9.041	205.4E6	387.4E6	34.078	32.757
Target Compounds							
3)	L1 AR-1016-1	5.875	5.051	81859665	139.4E6	382.445	392.733
4)	L1 AR-1016-2	5.899	5.071	115.4E6	188.6E6	386.016	388.732
5)	L1 AR-1016-3	5.961	5.249	69600436	91588909	383.784	383.294
6)	L1 AR-1016-4	6.061	5.288	58121666	70920278	386.371	378.748
7)	L1 AR-1016-5	6.354	5.504	57249503	94809519	380.339	367.320
8)	L2 AR-1221-1	4.904	4.170	6374533	14417802	106.781	103.748
9)	L2 AR-1221-2	4.996	4.259	8208764	19041384	195.533	192.784
10)	L2 AR-1221-3	5.075	4.335	36418353	80645797	254.855	247.752
11)	L3 AR-1232-1	5.075	4.335	36418353	80645797	325.239	315.116
12)	L3 AR-1232-2	5.608	5.071	53573830	188.6E6	868.330	877.936
13)	L3 AR-1232-3	5.899	5.249	115.4E6	91588909	903.255	886.245
14)	L3 AR-1232-4	6.061	5.332	58121666	85840877	902.130	969.033
15)	L3 AR-1232-5	6.147	5.504	51032469	94809519	1042.586	923.920
16)	L4 AR-1242-1	5.875	5.051	81859665	139.4E6	463.817	471.767
17)	L4 AR-1242-2	5.899	5.071	115.4E6	188.6E6	469.852	469.150
18)	L4 AR-1242-3	5.961	5.249	69600436	91588909	463.760	462.559
19)	L4 AR-1242-4	6.061	5.332	58121666	85840877	467.274	464.997
20)	L4 AR-1242-5	6.798	5.857	9521160	86230373	65.504	277.270 #
21)	L5 AR-1248-1	5.875	5.051	81859665	139.4E6	585.567	571.047
22)	L5 AR-1248-2	6.147	5.288	51032469	70920278	264.582	264.308
23)	L5 AR-1248-3	6.354	5.332	57249503	85840877	265.118	314.311
24)	L5 AR-1248-4	6.757	5.504	10482817	94809519	40.163	267.983 #
25)	L5 AR-1248-5	6.798	5.898	9521160	20828041	38.471	48.945 #
26)	L6 AR-1254-1	6.731	5.857	41200721	86230373	155.816	134.071
27)	L6 AR-1254-2	6.947	6.004	44880565	84859260	107.623	144.009 #
28)	L6 AR-1254-3	7.318	6.423	25520168	200.2E6	55.882	200.425 #
29)	L6 AR-1254-4	7.603	6.637	18957537	26507463	54.247	35.030 #
30)	L6 AR-1254-5	8.021	7.054	153.9E6	314.3E6	407.624	341.975
31)	L7 AR-1260-1	7.480	6.539	105.2E6	213.6E6	357.905	359.266
32)	L7 AR-1260-2	7.734	6.725	130.9E6	320.8E6	360.134	352.898
33)	L7 AR-1260-3	8.095	6.881	101.2E6	260.3E6	356.691	358.173
34)	L7 AR-1260-4	8.333	7.354	116.3E6	231.0E6	346.125	350.633
35)	L7 AR-1260-5	8.669	7.593	247.8E6	690.1E6	346.522	347.276
36)	L8 AR-1262-1	8.155	7.054	52066200	314.3E6	294.171	633.462 #
37)	L8 AR-1262-2	8.669	7.593	247.8E6	690.1E6	287.308	299.099
38)	L8 AR-1262-3	9.020	7.877	154.5E6	157.2E6	271.580	172.415 #
39)	L8 AR-1262-4	9.075	7.941	98860102	449.9E6	232.083	293.108 #
40)	L8 AR-1262-5	9.795	8.455	74341118	169.4E6	238.889	230.961
41)	L9 AR-1268-1	9.020	7.877	154.5E6	157.2E6	151.361	56.735 #

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 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jan 10 11:47:30 2020
 Response via : Initial Calibration
 Integrator: ChemStation

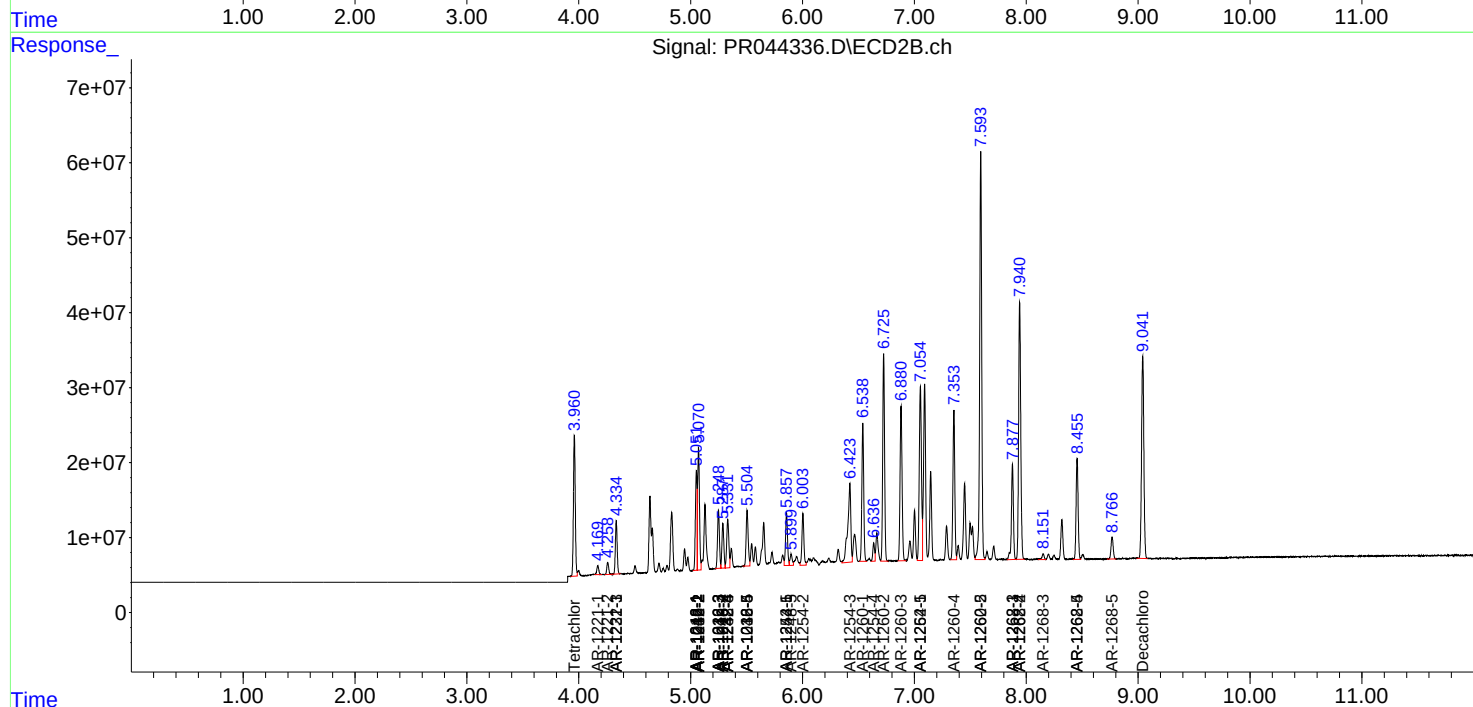
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

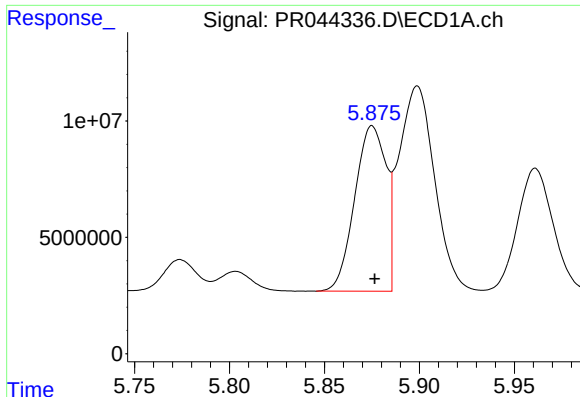
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.075	7.941	98860102	449.9E6	104.332	190.003 #
43) L9	AR-1268-3	9.339	8.151	4244213	10884958	5.399	5.406
44) L9	AR-1268-4	9.795	8.455	74341118	169.4E6	214.535	203.007
45) L9	AR-1268-5	10.236	8.767	20989194	40637286	7.761	7.041

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

Instrument :
ECD_R
ClientSampleId :
AR1660319

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

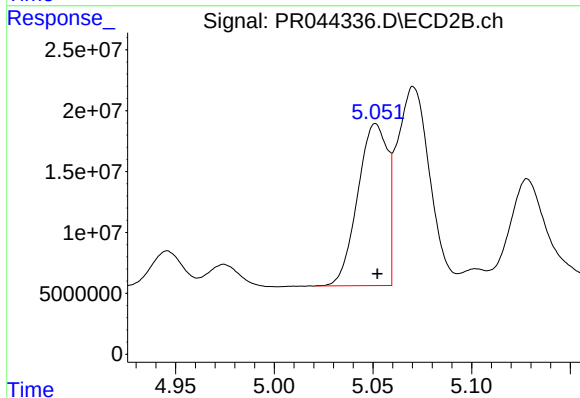




#3 AR-1016-1

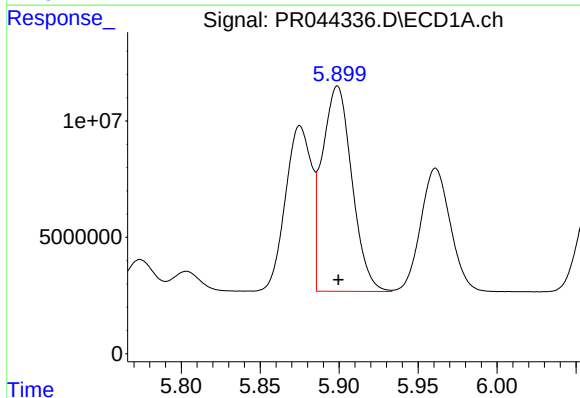
R.T.: 5.875 min
Delta R.T.: -0.001 min
Response: 81859665
Conc: 382.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660319



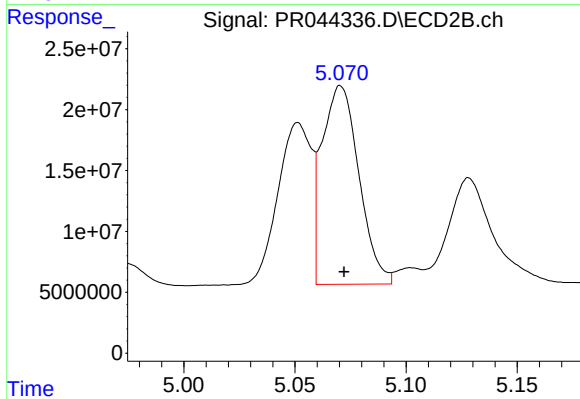
#3 AR-1016-1

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 139413904
Conc: 392.73 ng/ml



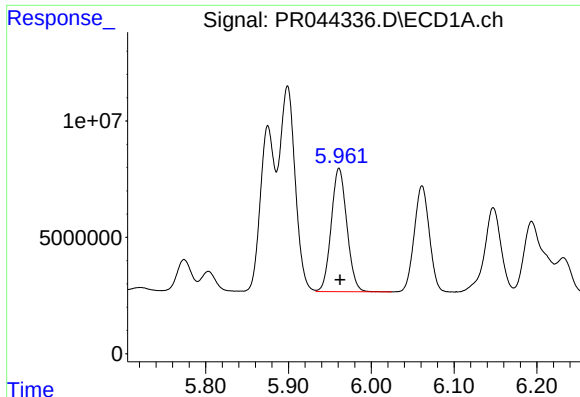
#4 AR-1016-2

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 115431466
Conc: 386.02 ng/ml



#4 AR-1016-2

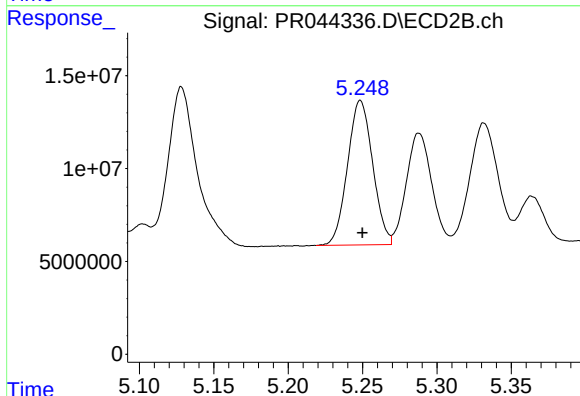
R.T.: 5.071 min
Delta R.T.: -0.001 min
Response: 188559785
Conc: 388.73 ng/ml



#5 AR-1016-3

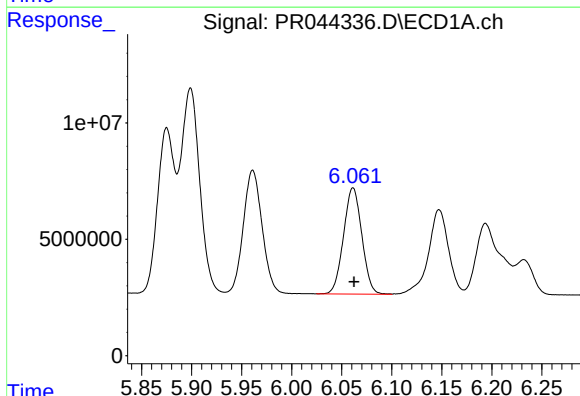
R.T.: 5.961 min
Delta R.T.: -0.001 min
Response: 69600436
Conc: 383.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660319



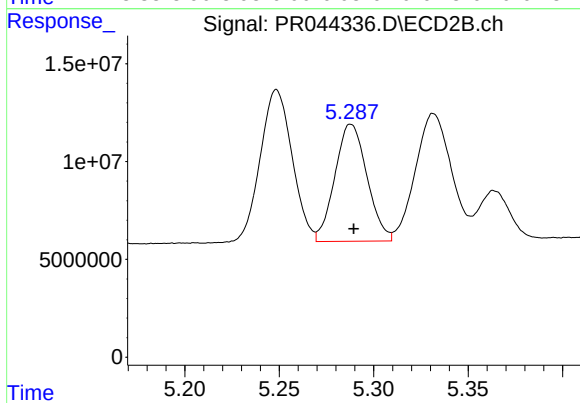
#5 AR-1016-3

R.T.: 5.249 min
Delta R.T.: -0.001 min
Response: 91588909
Conc: 383.29 ng/ml



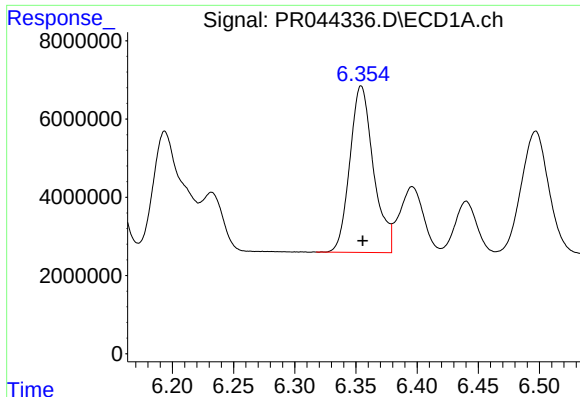
#6 AR-1016-4

R.T.: 6.061 min
Delta R.T.: -0.001 min
Response: 58121666
Conc: 386.37 ng/ml



#6 AR-1016-4

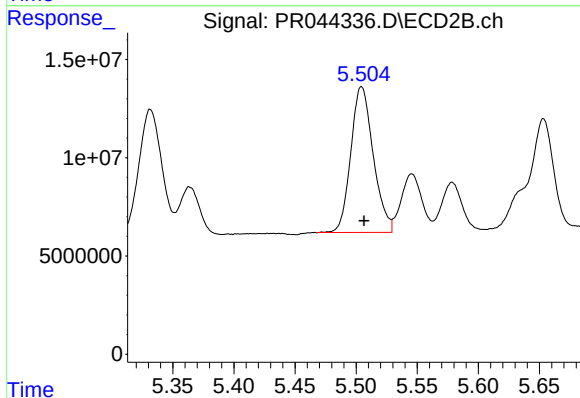
R.T.: 5.288 min
Delta R.T.: -0.002 min
Response: 70920278
Conc: 378.75 ng/ml



#7 AR-1016-5

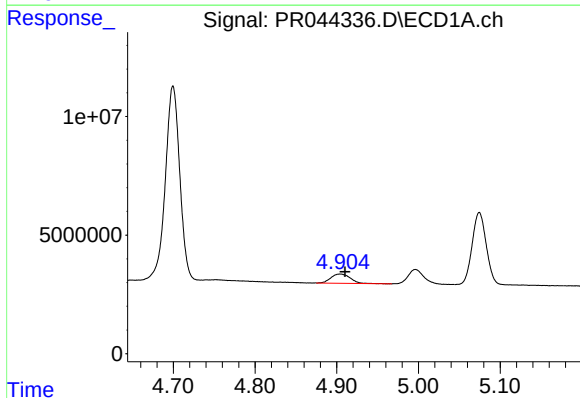
R.T.: 6.354 min
Delta R.T.: -0.001 min
Response: 57249503
Conc: 380.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660319



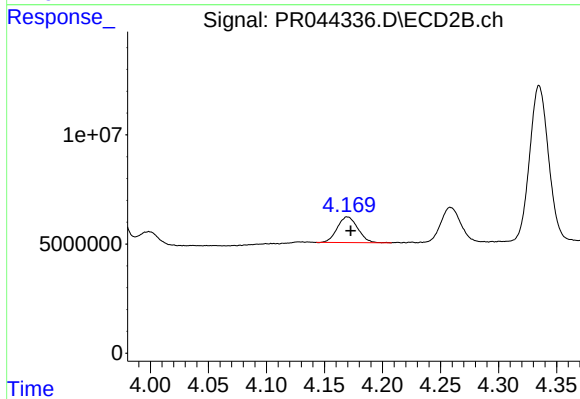
#7 AR-1016-5

R.T.: 5.504 min
Delta R.T.: -0.002 min
Response: 94809519
Conc: 367.32 ng/ml



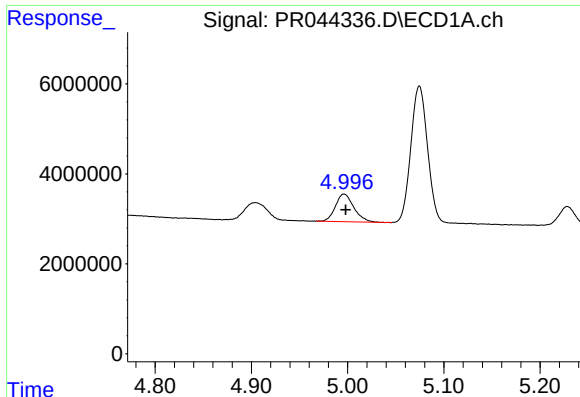
#8 AR-1221-1

R.T.: 4.904 min
Delta R.T.: -0.006 min
Response: 6374533
Conc: 106.78 ng/ml



#8 AR-1221-1

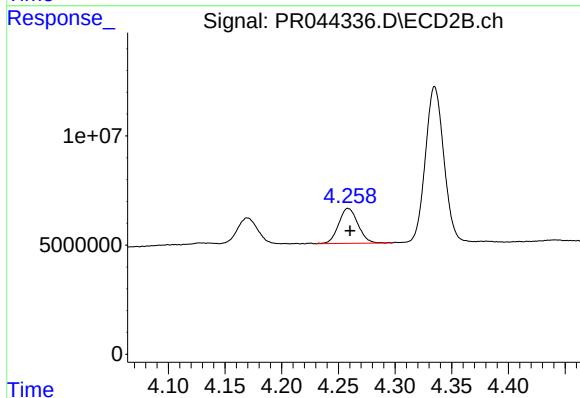
R.T.: 4.170 min
Delta R.T.: -0.003 min
Response: 14417802
Conc: 103.75 ng/ml



#9 AR-1221-2

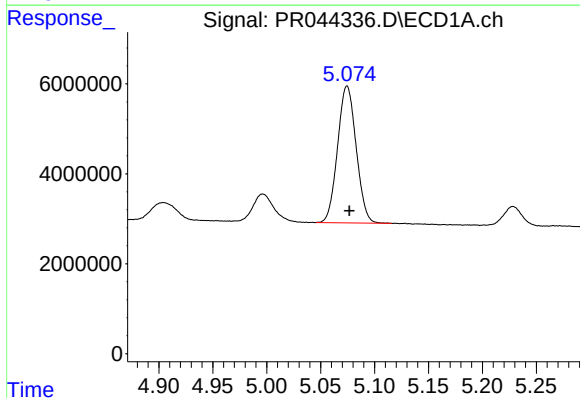
R.T.: 4.996 min
Delta R.T.: -0.002 min
Response: 8208764
Conc: 195.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660319



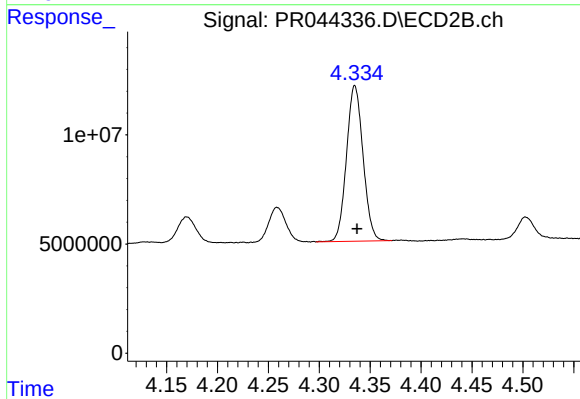
#9 AR-1221-2

R.T.: 4.259 min
Delta R.T.: -0.002 min
Response: 19041384
Conc: 192.78 ng/ml



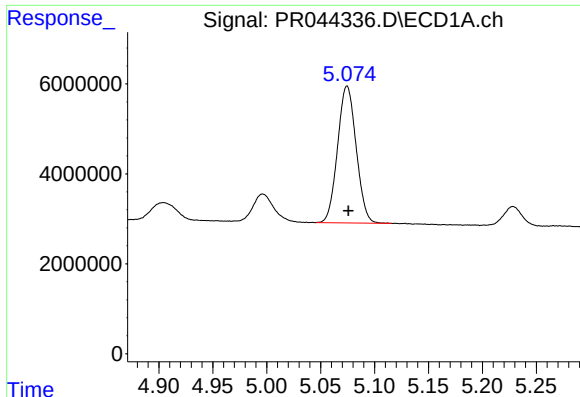
#10 AR-1221-3

R.T.: 5.075 min
Delta R.T.: -0.002 min
Response: 36418353
Conc: 254.86 ng/ml



#10 AR-1221-3

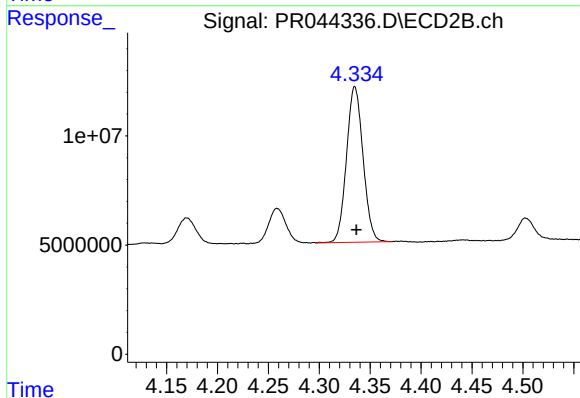
R.T.: 4.335 min
Delta R.T.: -0.002 min
Response: 80645797
Conc: 247.75 ng/ml



#11 AR-1232-1

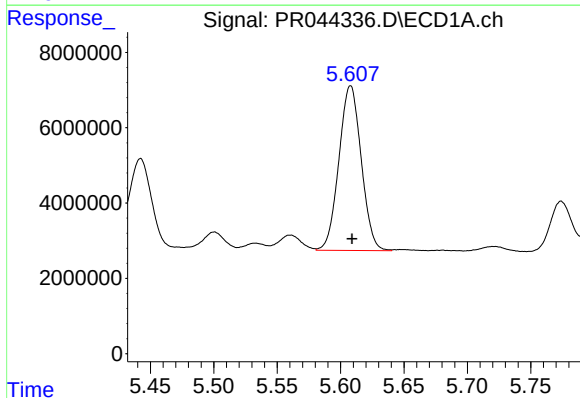
R.T.: 5.075 min
Delta R.T.: -0.001 min
Response: 36418353
Conc: 325.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660319



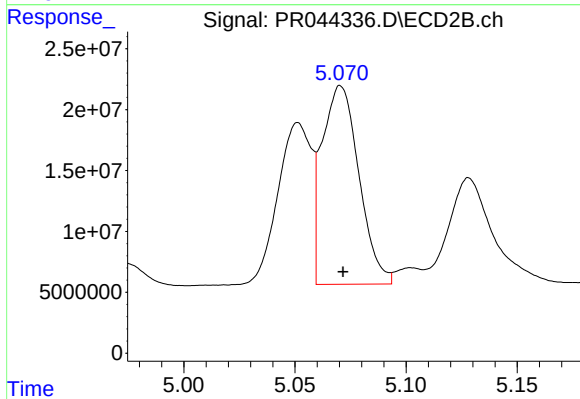
#11 AR-1232-1

R.T.: 4.335 min
Delta R.T.: -0.001 min
Response: 80645797
Conc: 315.12 ng/ml



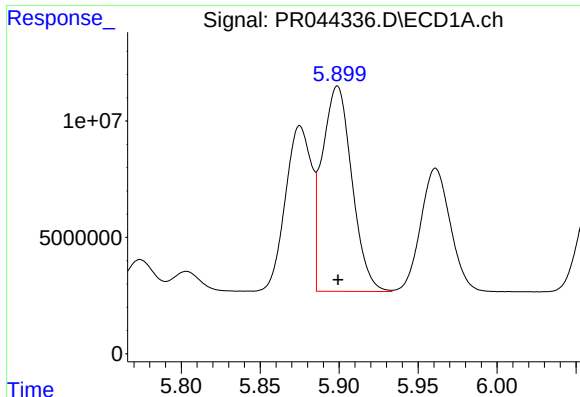
#12 AR-1232-2

R.T.: 5.608 min
Delta R.T.: -0.001 min
Response: 53573830
Conc: 868.33 ng/ml



#12 AR-1232-2

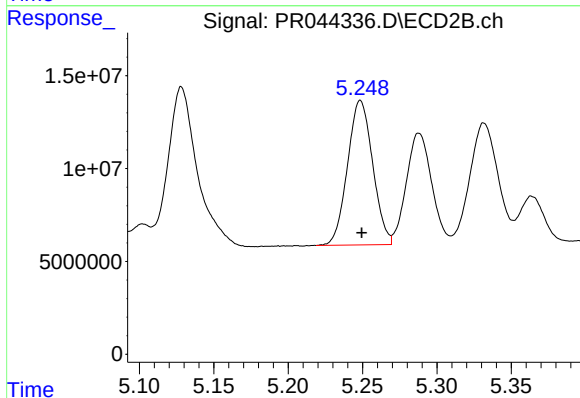
R.T.: 5.071 min
Delta R.T.: -0.001 min
Response: 188559785
Conc: 877.94 ng/ml



#13 AR-1232-3

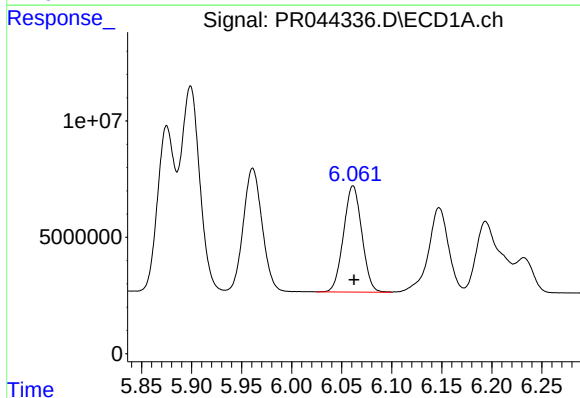
R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 115431466
Conc: 903.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660319



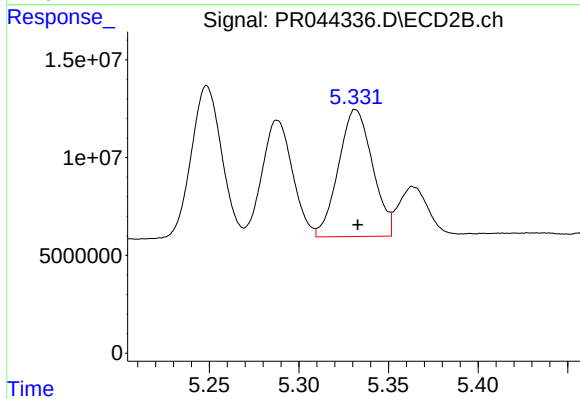
#13 AR-1232-3

R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 91588909
Conc: 886.24 ng/ml



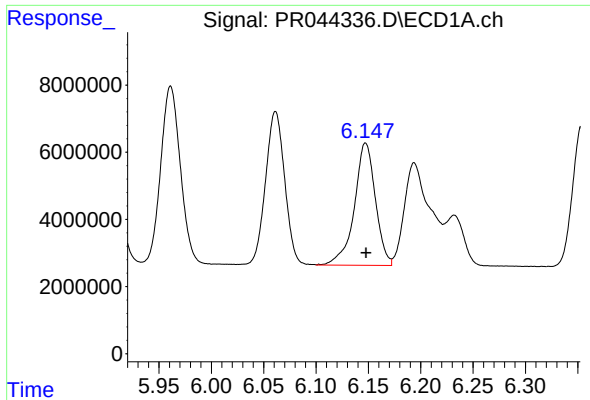
#14 AR-1232-4

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 58121666
Conc: 902.13 ng/ml



#14 AR-1232-4

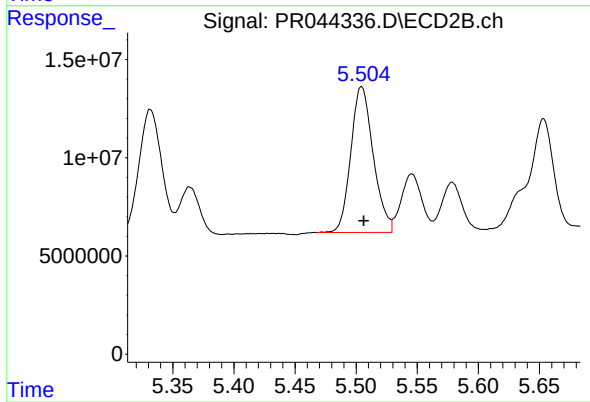
R.T.: 5.332 min
Delta R.T.: -0.001 min
Response: 85840877
Conc: 969.03 ng/ml



#15 AR-1232-5

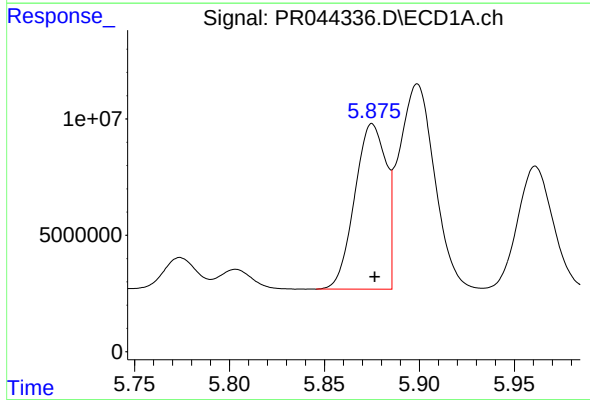
R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 51032469
Conc: 1042.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660319



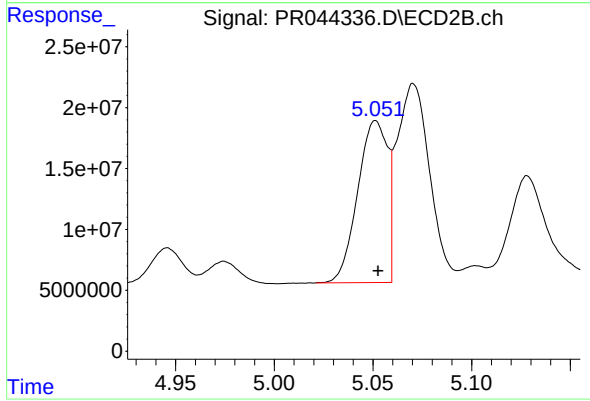
#15 AR-1232-5

R.T.: 5.504 min
Delta R.T.: -0.002 min
Response: 94809519
Conc: 923.92 ng/ml



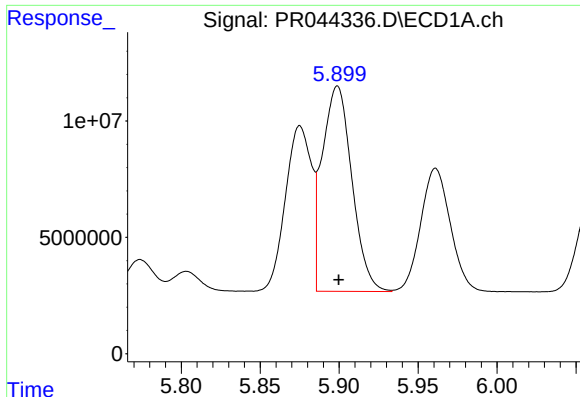
#16 AR-1242-1

R.T.: 5.875 min
Delta R.T.: -0.001 min
Response: 81859665
Conc: 463.82 ng/ml



#16 AR-1242-1

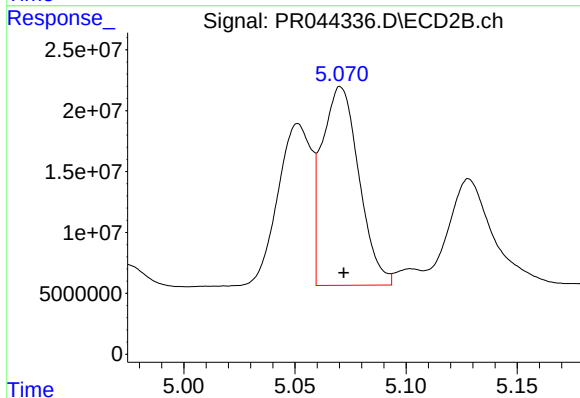
R.T.: 5.051 min
Delta R.T.: -0.001 min
Response: 139413904
Conc: 471.77 ng/ml



#17 AR-1242-2

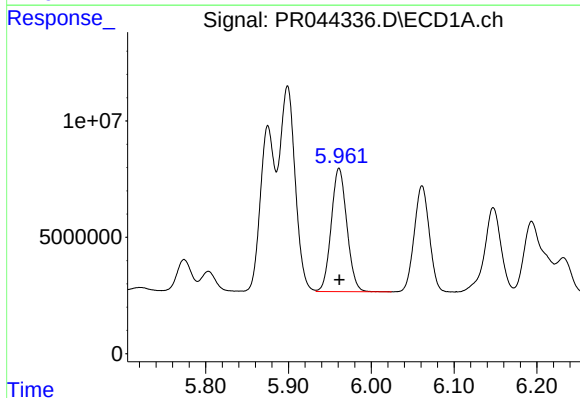
R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 115431466
Conc: 469.85 ng/ml

Instrument :
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ClientSampleId :
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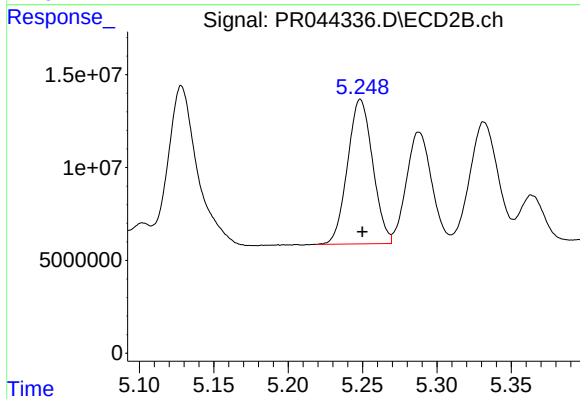
#17 AR-1242-2

R.T.: 5.071 min
Delta R.T.: -0.001 min
Response: 188559785
Conc: 469.15 ng/ml



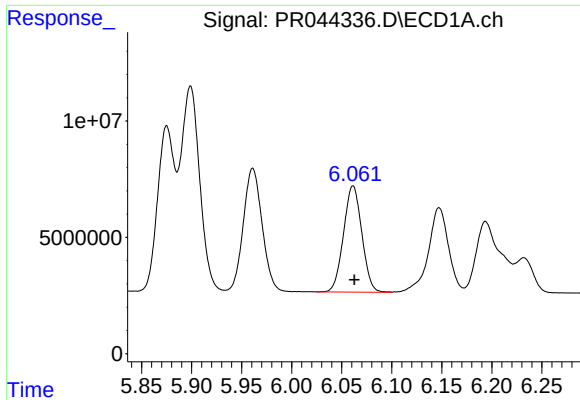
#18 AR-1242-3

R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 69600436
Conc: 463.76 ng/ml



#18 AR-1242-3

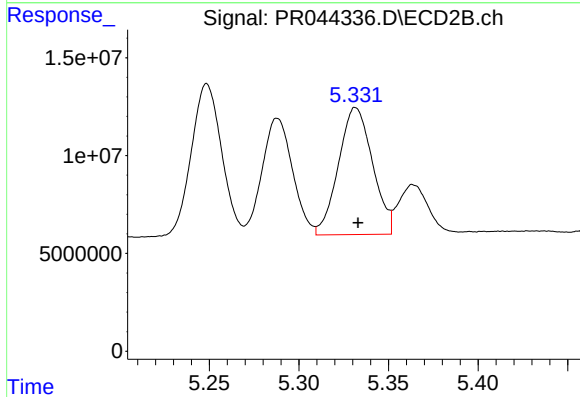
R.T.: 5.249 min
Delta R.T.: -0.001 min
Response: 91588909
Conc: 462.56 ng/ml



#19 AR-1242-4

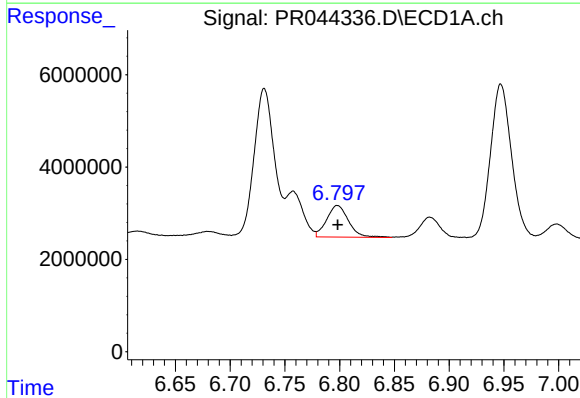
R.T.: 6.061 min
Delta R.T.: -0.001 min
Response: 58121666
Conc: 467.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660319



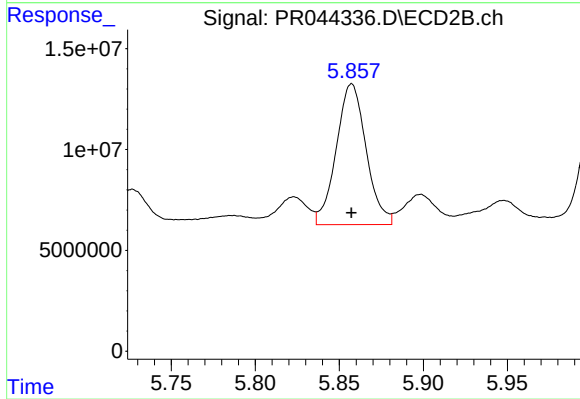
#19 AR-1242-4

R.T.: 5.332 min
Delta R.T.: -0.001 min
Response: 85840877
Conc: 465.00 ng/ml



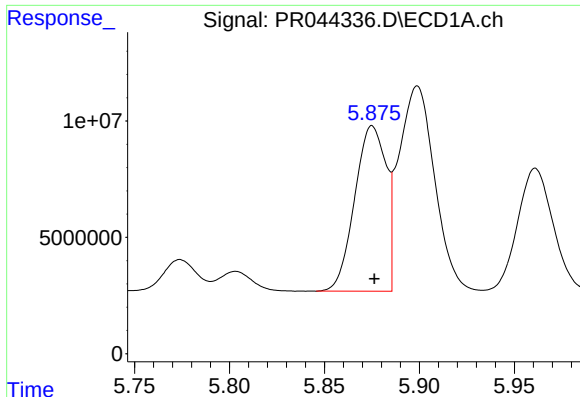
#20 AR-1242-5

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 9521160
Conc: 65.50 ng/ml



#20 AR-1242-5

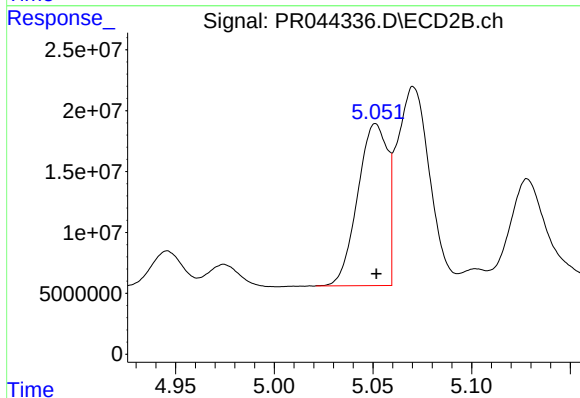
R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 86230373
Conc: 277.27 ng/ml



#21 AR-1248-1

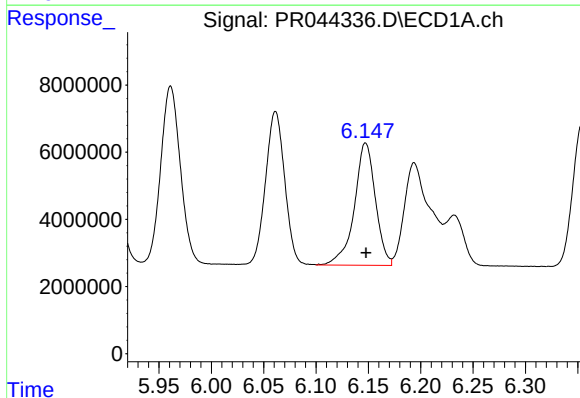
R.T.: 5.875 min
Delta R.T.: -0.001 min
Response: 81859665
Conc: 585.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660319



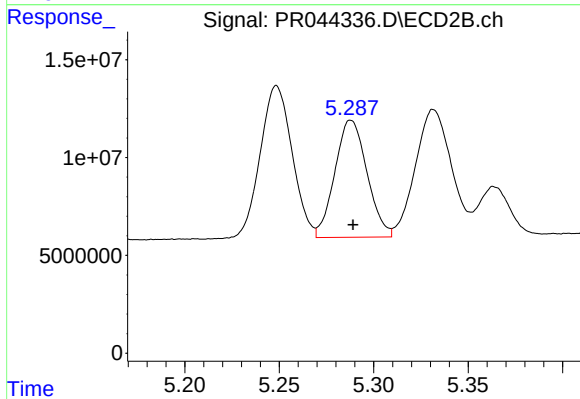
#21 AR-1248-1

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 139413904
Conc: 571.05 ng/ml



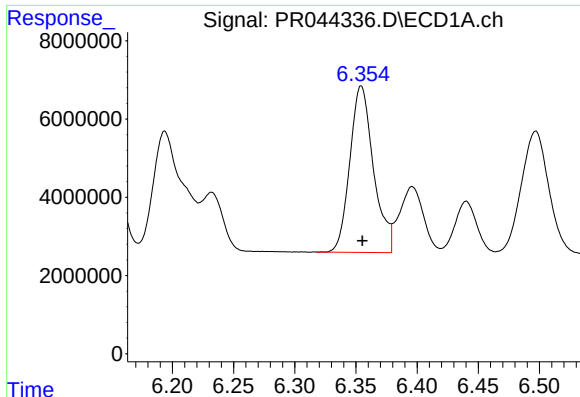
#22 AR-1248-2

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 51032469
Conc: 264.58 ng/ml



#22 AR-1248-2

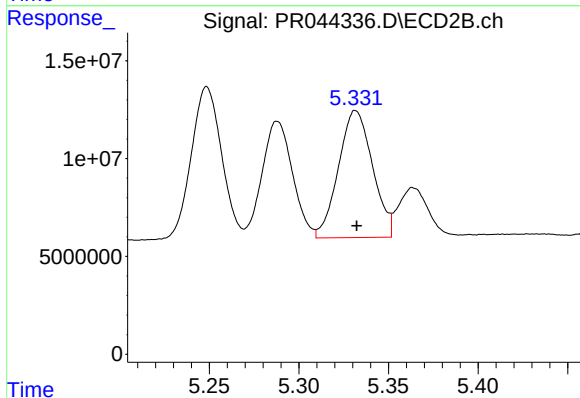
R.T.: 5.288 min
Delta R.T.: -0.001 min
Response: 70920278
Conc: 264.31 ng/ml



#23 AR-1248-3

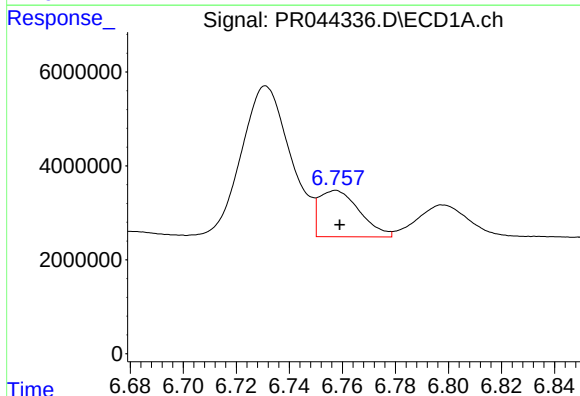
R.T.: 6.354 min
Delta R.T.: -0.001 min
Response: 57249503
Conc: 265.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660319



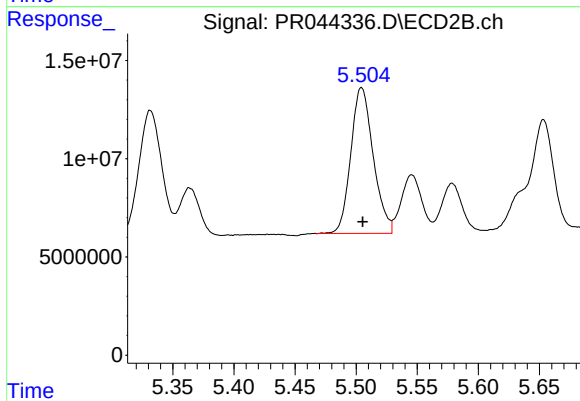
#23 AR-1248-3

R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 85840877
Conc: 314.31 ng/ml



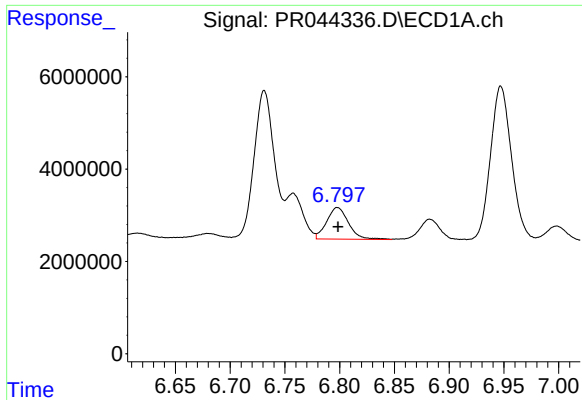
#24 AR-1248-4

R.T.: 6.757 min
Delta R.T.: -0.002 min
Response: 10482817
Conc: 40.16 ng/ml



#24 AR-1248-4

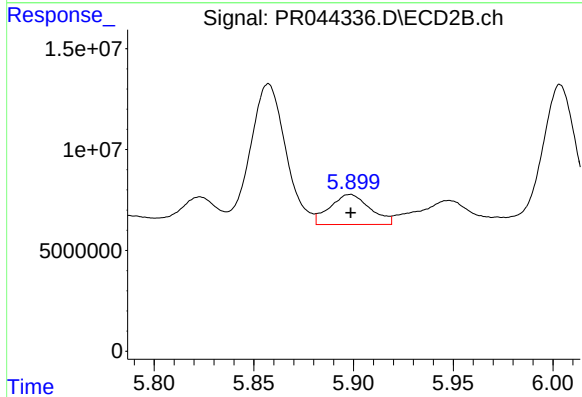
R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 94809519
Conc: 267.98 ng/ml



#25 AR-1248-5

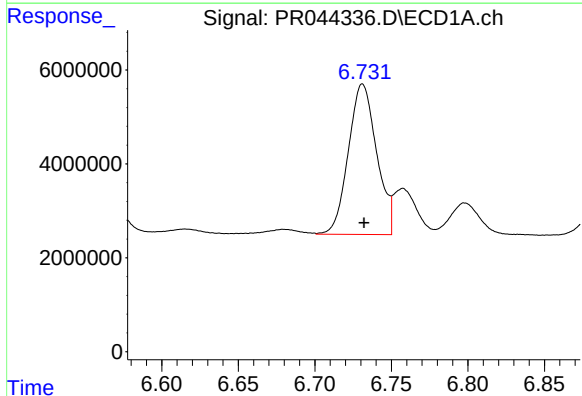
R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 9521160
Conc: 38.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660319



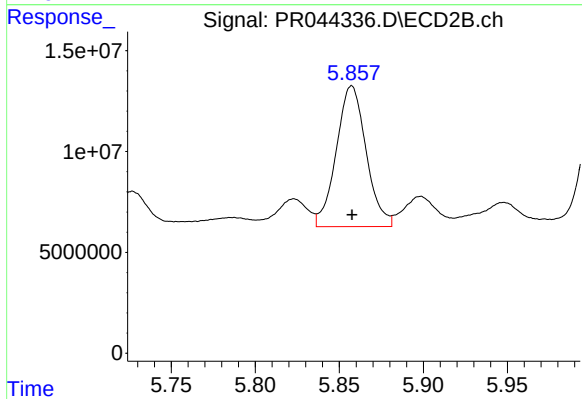
#25 AR-1248-5

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 20828041
Conc: 48.94 ng/ml



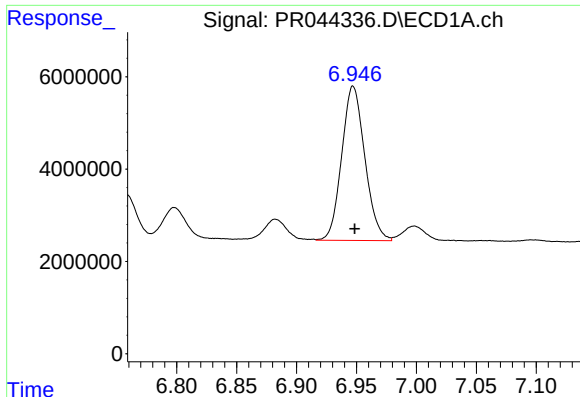
#26 AR-1254-1

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 41200721
Conc: 155.82 ng/ml



#26 AR-1254-1

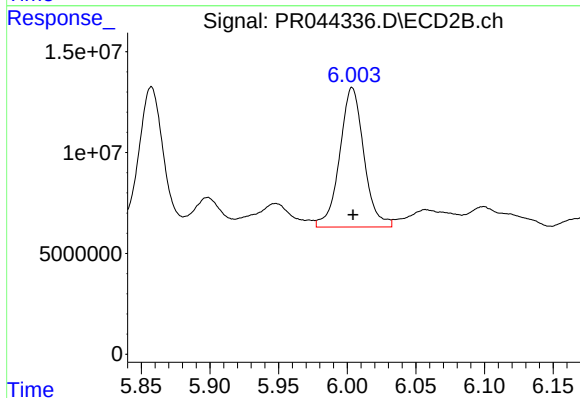
R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 86230373
Conc: 134.07 ng/ml



#27 AR-1254-2

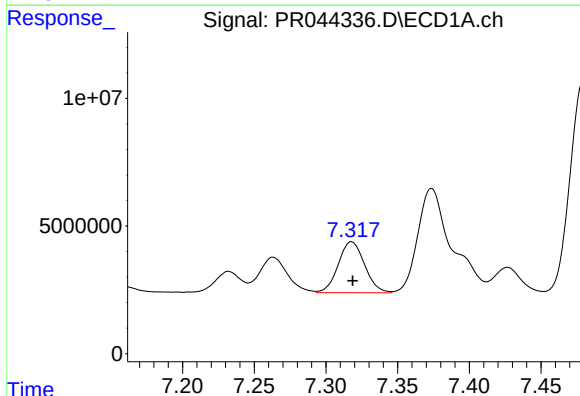
R.T.: 6.947 min
Delta R.T.: -0.001 min
Response: 44880565
Conc: 107.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660319



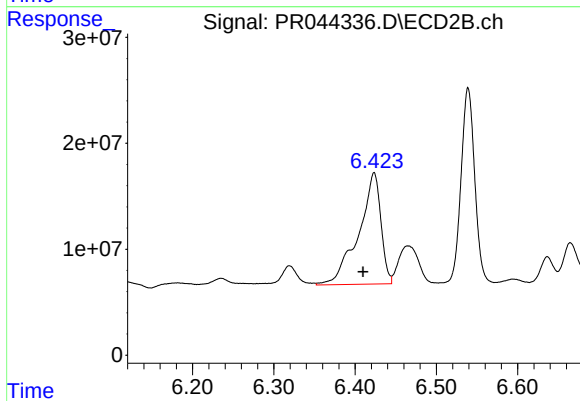
#27 AR-1254-2

R.T.: 6.004 min
Delta R.T.: 0.000 min
Response: 84859260
Conc: 144.01 ng/ml



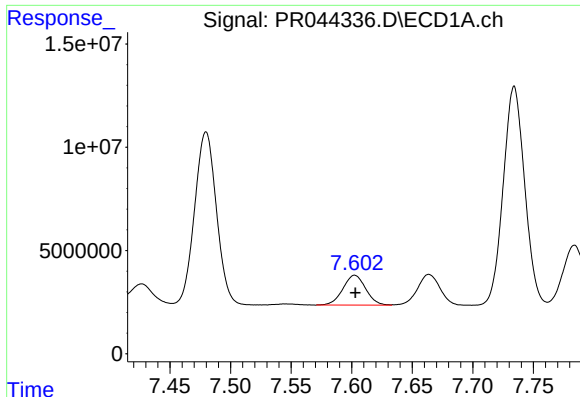
#28 AR-1254-3

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 25520168
Conc: 55.88 ng/ml



#28 AR-1254-3

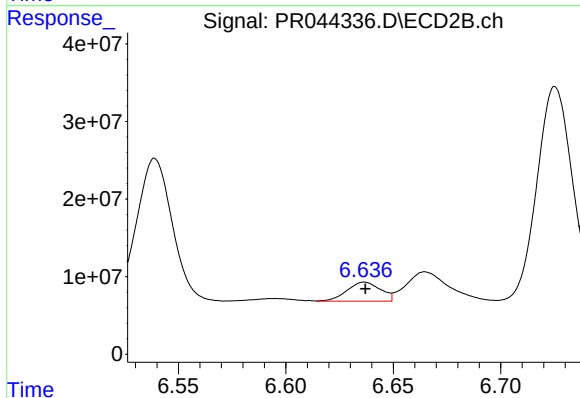
R.T.: 6.423 min
Delta R.T.: 0.014 min
Response: 200170449
Conc: 200.43 ng/ml



#29 AR-1254-4

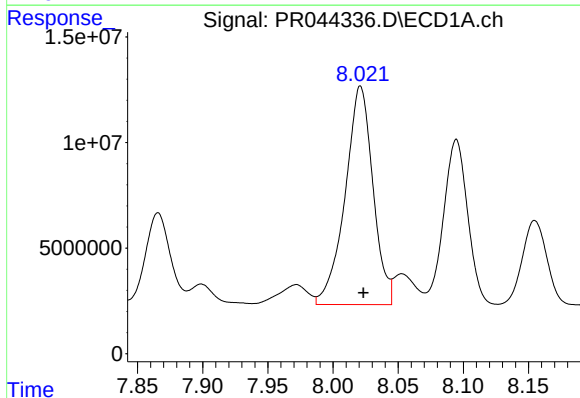
R.T.: 7.603 min
Delta R.T.: 0.000 min
Response: 18957537
Conc: 54.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660319



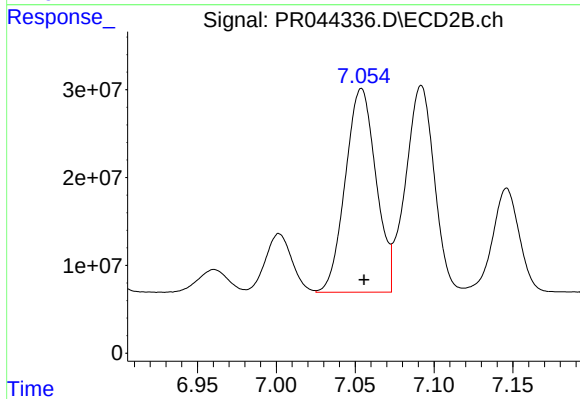
#29 AR-1254-4

R.T.: 6.637 min
Delta R.T.: 0.000 min
Response: 26507463
Conc: 35.03 ng/ml



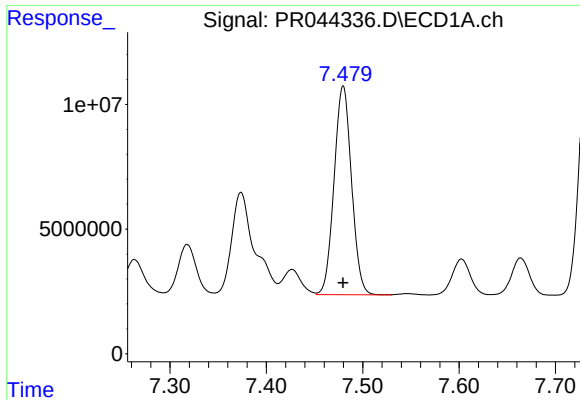
#30 AR-1254-5

R.T.: 8.021 min
Delta R.T.: -0.002 min
Response: 153863745
Conc: 407.62 ng/ml



#30 AR-1254-5

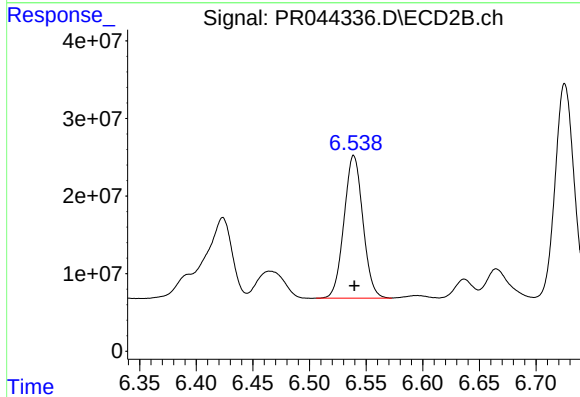
R.T.: 7.054 min
Delta R.T.: -0.002 min
Response: 314267352
Conc: 341.98 ng/ml



#31 AR-1260-1

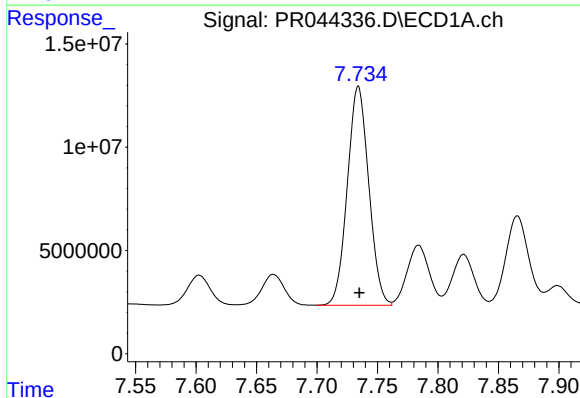
R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 105230777
Conc: 357.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660319



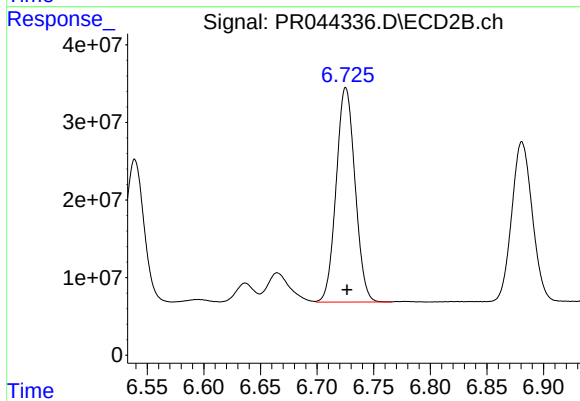
#31 AR-1260-1

R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 213604350
Conc: 359.27 ng/ml



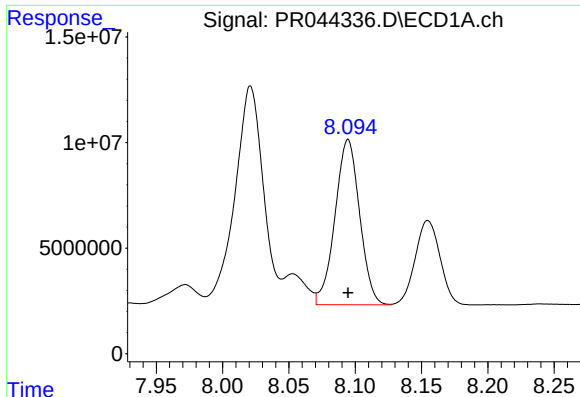
#32 AR-1260-2

R.T.: 7.734 min
Delta R.T.: 0.000 min
Response: 130859503
Conc: 360.13 ng/ml



#32 AR-1260-2

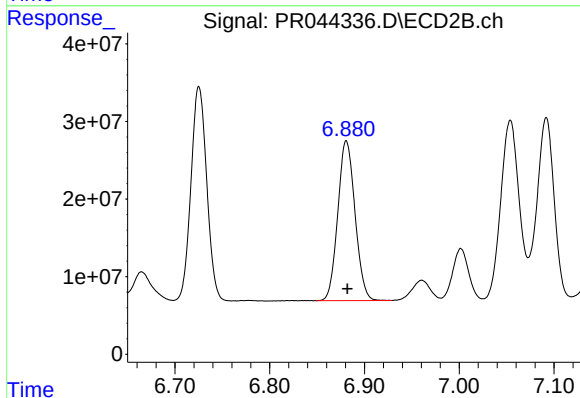
R.T.: 6.725 min
Delta R.T.: -0.001 min
Response: 320779574
Conc: 352.90 ng/ml



#33 AR-1260-3

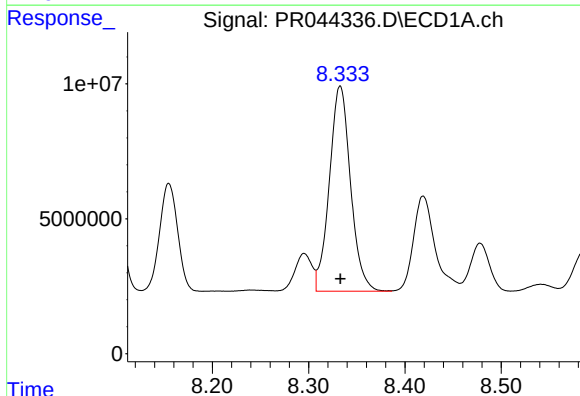
R.T.: 8.095 min
Delta R.T.: 0.000 min
Response: 101160757
Conc: 356.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660319



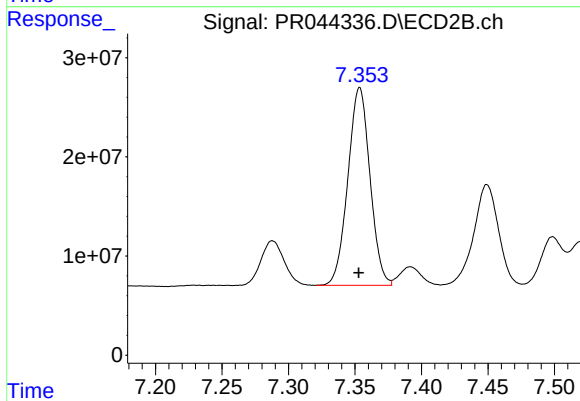
#33 AR-1260-3

R.T.: 6.881 min
Delta R.T.: 0.000 min
Response: 260261504
Conc: 358.17 ng/ml



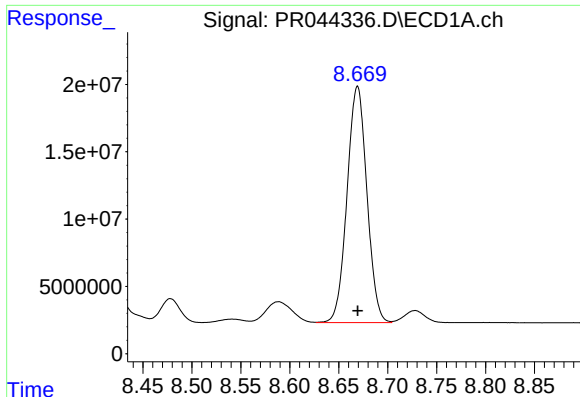
#34 AR-1260-4

R.T.: 8.333 min
Delta R.T.: 0.000 min
Response: 116328726
Conc: 346.12 ng/ml



#34 AR-1260-4

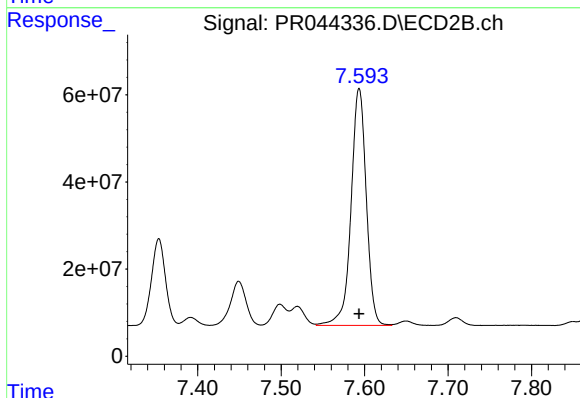
R.T.: 7.354 min
Delta R.T.: 0.000 min
Response: 231010726
Conc: 350.63 ng/ml



#35 AR-1260-5

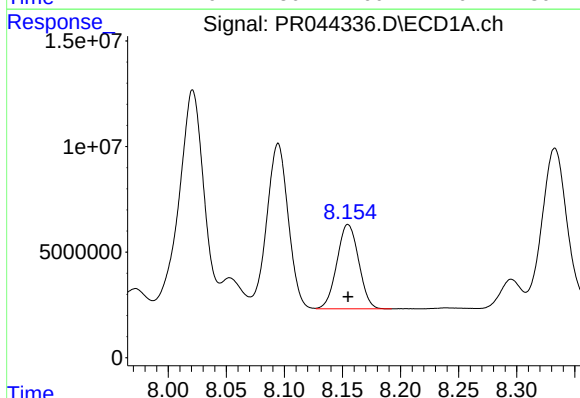
R.T.: 8.669 min
Delta R.T.: 0.000 min
Response: 247763442
Conc: 346.52 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660319



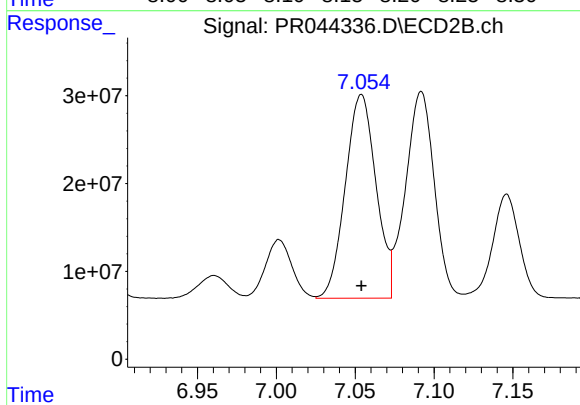
#35 AR-1260-5

R.T.: 7.593 min
Delta R.T.: 0.000 min
Response: 690105826
Conc: 347.28 ng/ml



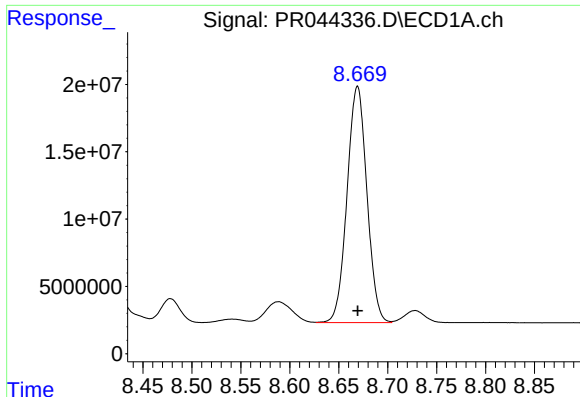
#36 AR-1262-1

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 52066200
Conc: 294.17 ng/ml



#36 AR-1262-1

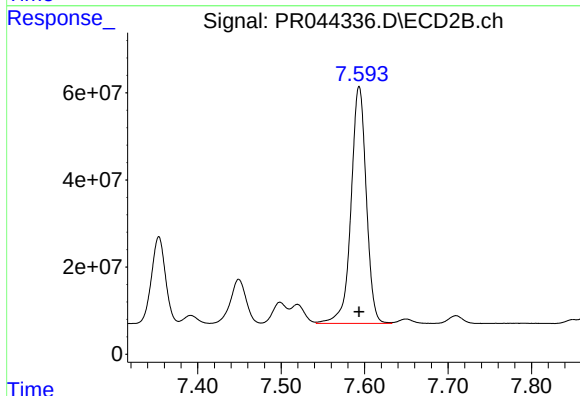
R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 314267352
Conc: 633.46 ng/ml



#37 AR-1262-2

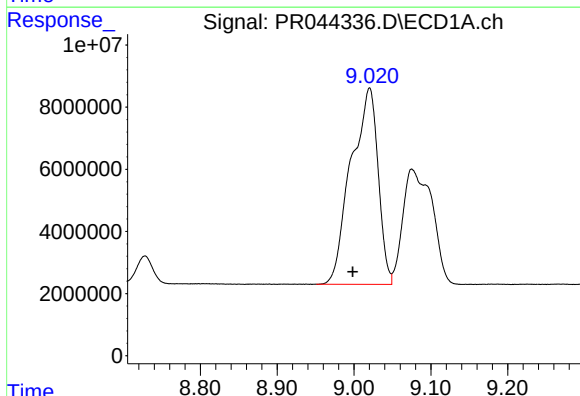
R.T.: 8.669 min
Delta R.T.: 0.000 min
Response: 247763442
Conc: 287.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660319



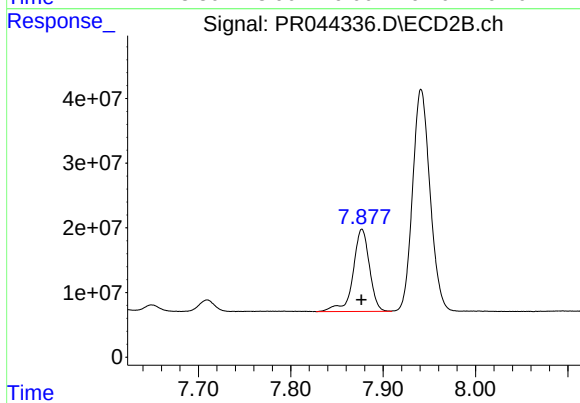
#37 AR-1262-2

R.T.: 7.593 min
Delta R.T.: 0.000 min
Response: 690105826
Conc: 299.10 ng/ml



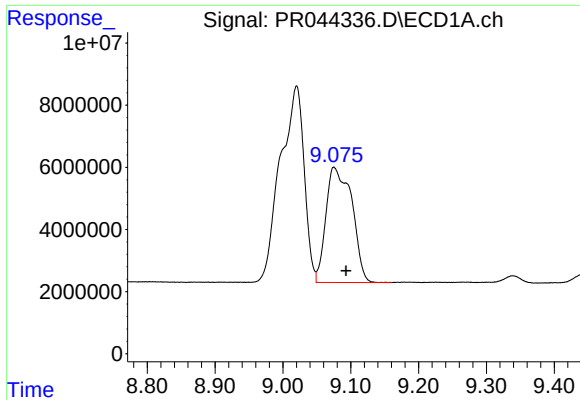
#38 AR-1262-3

R.T.: 9.020 min
Delta R.T.: 0.022 min
Response: 154488005
Conc: 271.58 ng/ml



#38 AR-1262-3

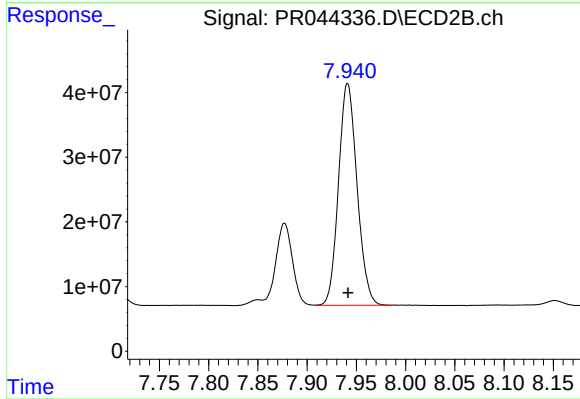
R.T.: 7.877 min
Delta R.T.: 0.000 min
Response: 157163340
Conc: 172.42 ng/ml



#39 AR-1262-4

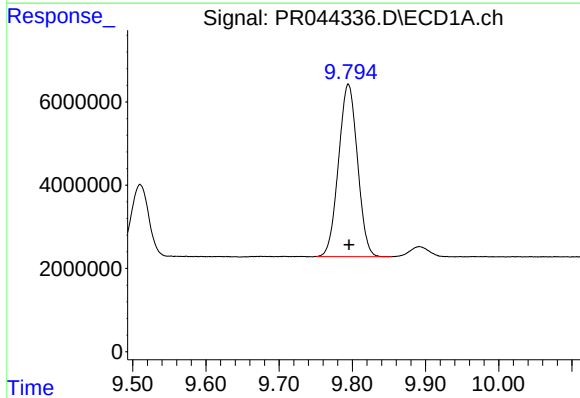
R.T.: 9.075 min
Delta R.T.: -0.018 min
Response: 98860102
Conc: 232.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660319



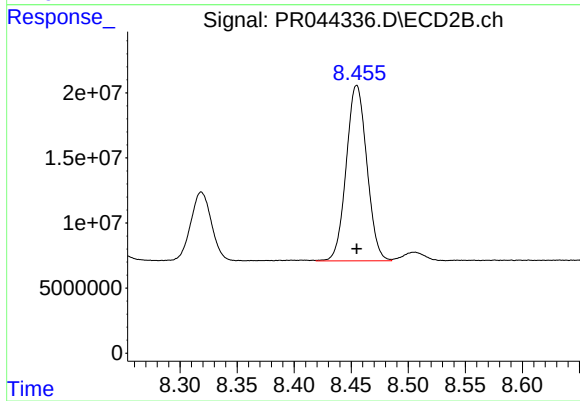
#39 AR-1262-4

R.T.: 7.941 min
Delta R.T.: 0.000 min
Response: 449906330
Conc: 293.11 ng/ml



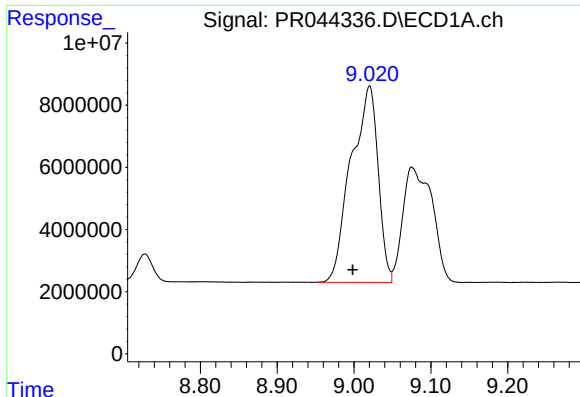
#40 AR-1262-5

R.T.: 9.795 min
Delta R.T.: 0.000 min
Response: 74341118
Conc: 238.89 ng/ml



#40 AR-1262-5

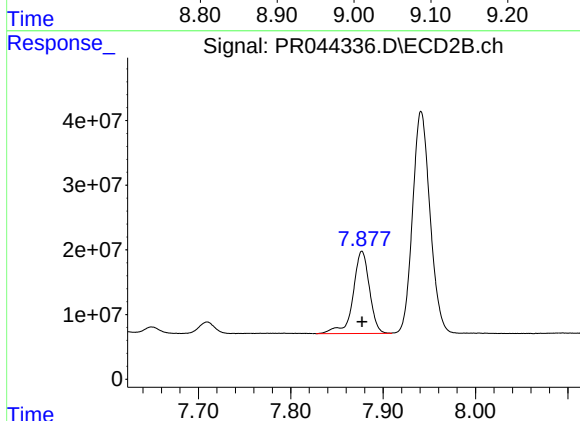
R.T.: 8.455 min
Delta R.T.: 0.000 min
Response: 169398064
Conc: 230.96 ng/ml



#41 AR-1268-1

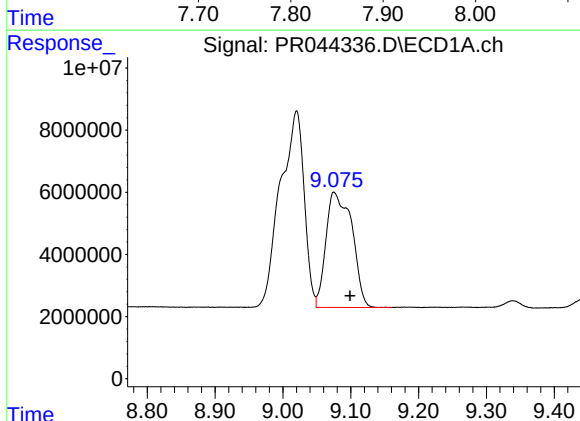
R.T.: 9.020 min
Delta R.T.: 0.022 min
Response: 154488005
Conc: 151.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660319



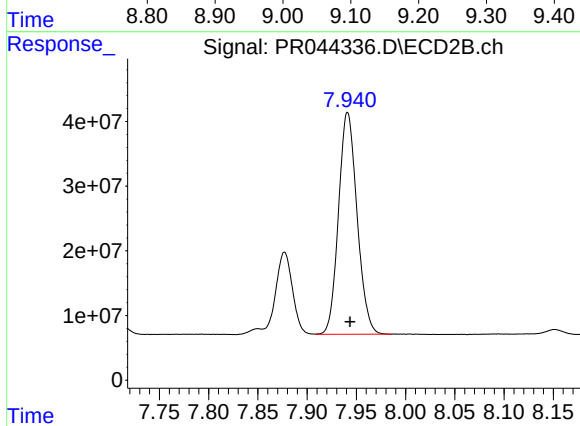
#41 AR-1268-1

R.T.: 7.877 min
Delta R.T.: 0.000 min
Response: 157163340
Conc: 56.73 ng/ml



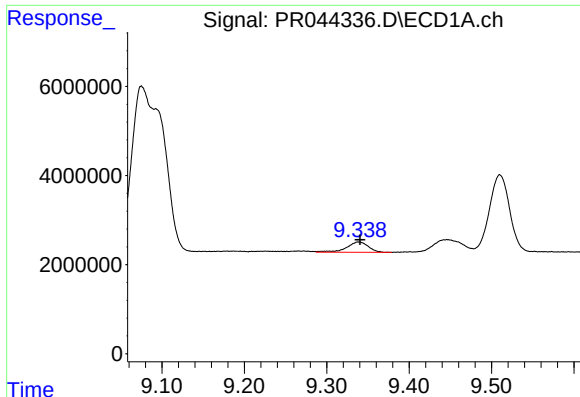
#42 AR-1268-2

R.T.: 9.075 min
Delta R.T.: -0.024 min
Response: 98860102
Conc: 104.33 ng/ml



#42 AR-1268-2

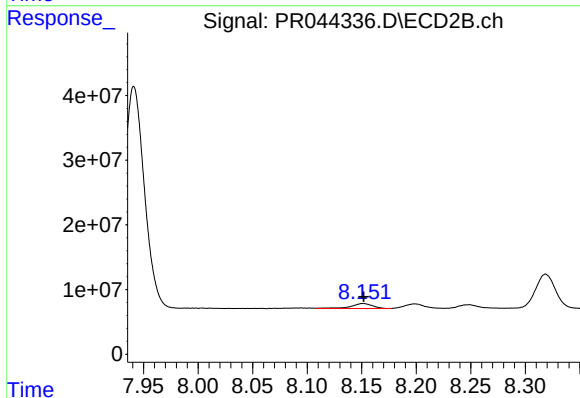
R.T.: 7.941 min
Delta R.T.: -0.003 min
Response: 449906330
Conc: 190.00 ng/ml



#43 AR-1268-3

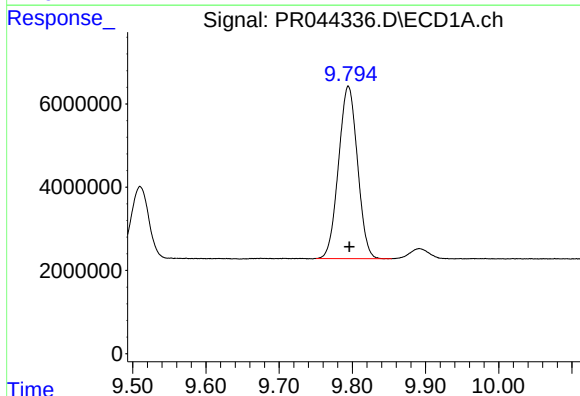
R.T.: 9.339 min
Delta R.T.: -0.002 min
Response: 4244213
Conc: 5.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660319



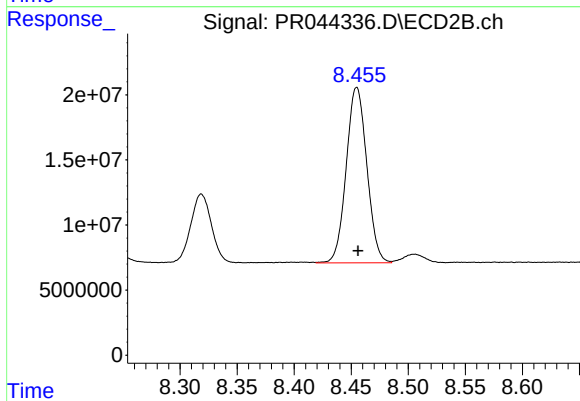
#43 AR-1268-3

R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 10884958
Conc: 5.41 ng/ml



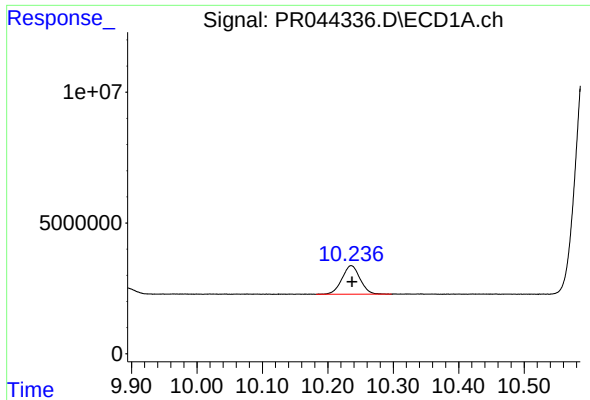
#44 AR-1268-4

R.T.: 9.795 min
Delta R.T.: -0.001 min
Response: 74341118
Conc: 214.54 ng/ml



#44 AR-1268-4

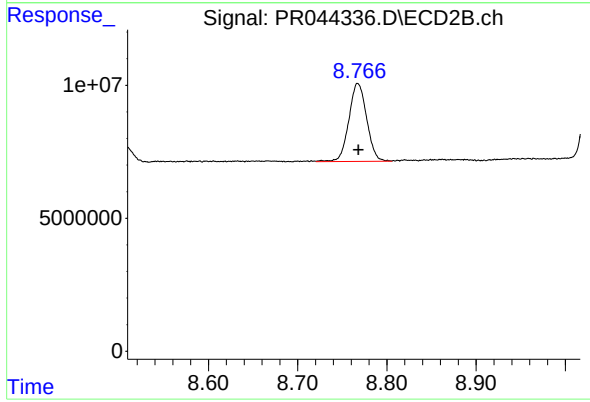
R.T.: 8.455 min
Delta R.T.: -0.001 min
Response: 169398064
Conc: 203.01 ng/ml



#45 AR-1268-5

R.T.: 10.236 min
Delta R.T.: -0.001 min
Response: 20989194
Conc: 7.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660319



#45 AR-1268-5

R.T.: 8.767 min
Delta R.T.: 0.000 min
Response: 40637286
Conc: 7.04 ng/ml