

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121918\
 Data File : PR034781.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Dec 2018 13:07
 Operator : SM\SJ
 Sample : J6415-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 01:24:57 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121818CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 18 01:56:32 2018
 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...	4.430	3.517	27004720	64463150	13.884	18.492 #
2)	SA Decachlor...	10.119	8.420	51230302	87081191	26.059	19.806
Target Compounds							
3)	L1 AR-1016-1	5.528f	4.590	13836413	35025745	204.974	269.171 #
4)	L1 AR-1016-2	5.657f	4.590	1133259	35025745	11.444	177.211 #
5)	L1 AR-1016-3	5.657	4.769	1133259	38792914	19.255	403.605 #
6)	L1 AR-1016-4	5.771	4.816	4477423	20600714	94.387	272.680 #
7)	L1 AR-1016-5	6.006f	5.019	3241630	574571	68.062	5.588 #
9)	L2 AR-1221-2	0.000	3.811	0	1879631	N.D.	61.154 #
10)	L2 AR-1221-3	4.822	3.930f	-464682	4601781	N.D.	41.481 #
11)	L3 AR-1232-1	4.822	3.930f	-464682	4601781	N.D.	50.356 #
12)	L3 AR-1232-2	0.000	4.590	0	35025745	N.D.	339.101 #
13)	L3 AR-1232-3	5.657f	4.769	1133259	38792914	22.084	803.151 #
14)	L3 AR-1232-4	5.771	4.874	4477423	3355105	192.051	74.927 #
15)	L3 AR-1232-5	5.856	5.019	19965840	574571	1262.811	11.560 #
16)	L4 AR-1242-1	5.528f	4.590	13836413	35025745	238.544	308.560 #
17)	L4 AR-1242-2	5.657f	4.590	1133259	35025745	13.389	205.155 #
18)	L4 AR-1242-3	5.657	4.769	1133259	38792914	22.615	457.835 #
19)	L4 AR-1242-4	5.771	4.816	4477423	20600714	109.568	249.170 #
20)	L4 AR-1242-5	6.512	5.364	4614126	58092885	100.179	522.299 #
21)	L5 AR-1248-1	5.528f	4.590	13836413	35025745	285.154	359.232 #
22)	L5 AR-1248-2	5.856	4.816	19965840	20600714	302.176	160.814 #
23)	L5 AR-1248-3	6.006f	4.816	3241630	20600714	43.387	156.093 #
24)	L5 AR-1248-4	6.443	5.019	23886027	574571	267.343	3.492 #
25)	L5 AR-1248-5	6.512	5.409	4614126	255.6E6	55.148	1527.114 #
26)	L6 AR-1254-1	6.443	5.364	23886027	58092885	292.345	237.411
27)	L6 AR-1254-2	6.674	5.508	135.9E6	18532650	1063.721	87.135 #
28)	L6 AR-1254-3	7.026	5.884	36562796	36590037	270.892	102.402 #
29)	L6 AR-1254-4	7.304	6.132	16637853	7508638	156.846	31.791 #
30)	L6 AR-1254-5	7.726	6.542	157.0E6	336.1E6	1465.088	1053.926 #
31)	L7 AR-1260-1	7.187	6.032	102.1E6	262.6E6	1085.557	1221.494
32)	L7 AR-1260-2	7.442	6.219	127.4E6	266.7E6	1097.132	980.138
33)	L7 AR-1260-3	7.726	6.370	157.0E6	243.8E6	1124.810	982.122
34)	L7 AR-1260-4	8.048	6.835	372.2E6	226.8E6	4309.521	1326.559 #
35)	L7 AR-1260-5	8.344	7.077	324.0E6	622.7E6	1794.337	1287.572 #
36)	L8 AR-1262-1	7.799	6.580	103.7E6	258.0E6	638.561	664.025
37)	L8 AR-1262-2	8.344	7.077	324.0E6	622.7E6	1145.597	874.854
38)	L8 AR-1262-3	8.666	7.356	127.2E6	124.7E6	654.749	408.027 #
39)	L8 AR-1262-4	8.741	7.422	92032808	579.5E6	623.636	1106.910 #
40)	L8 AR-1262-5	9.386	7.912	59536438	168.8E6	561.295	690.529
41)	L9 AR-1268-1	8.666	7.356	127.2E6	124.7E6	334.883	136.971 #
42)	L9 AR-1268-2	8.741	7.422	92032808	579.5E6	269.547	689.961 #

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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	8.949	7.676f	1111018	7583047	3.664	10.357 #
44) L9	AR-1268-4	9.386	7.912	59536438	168.8E6	478.185	581.327
45) L9	AR-1268-5	9.794	8.187	11710092	20544327	12.648	9.124 #

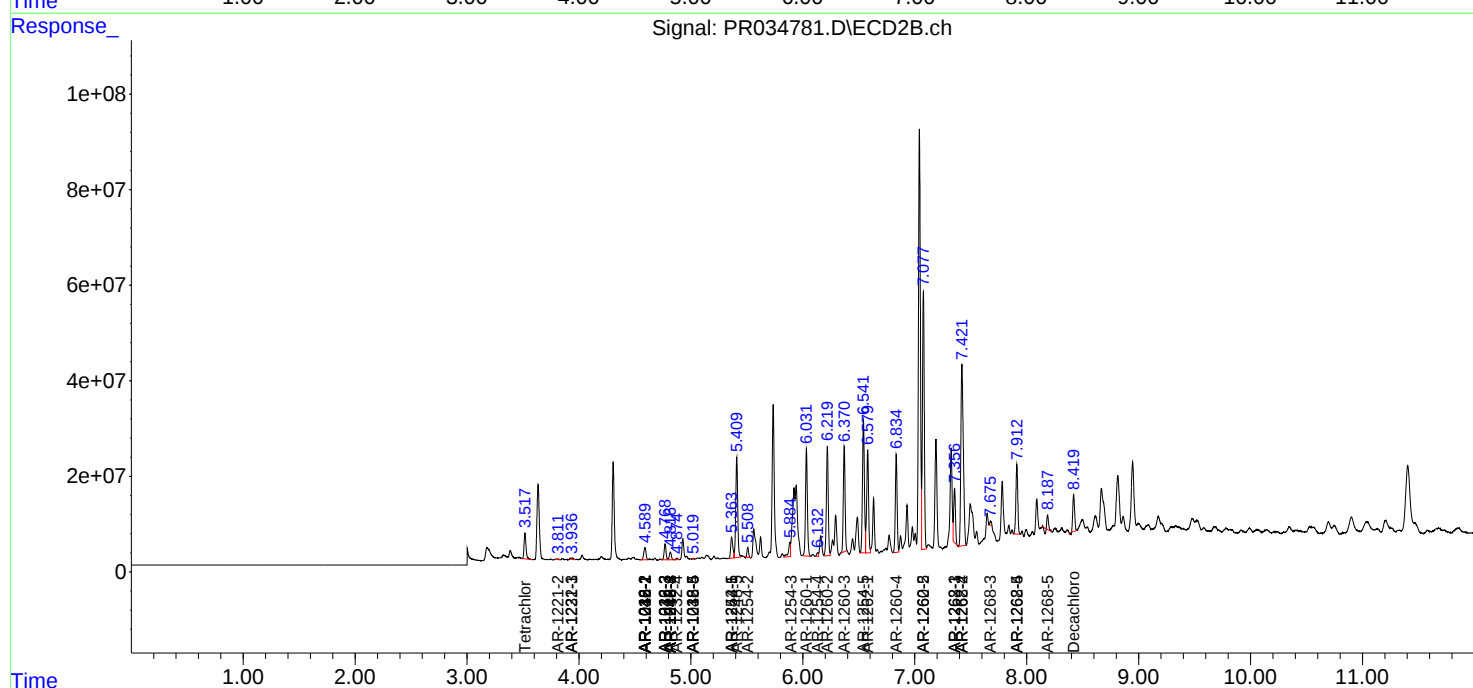
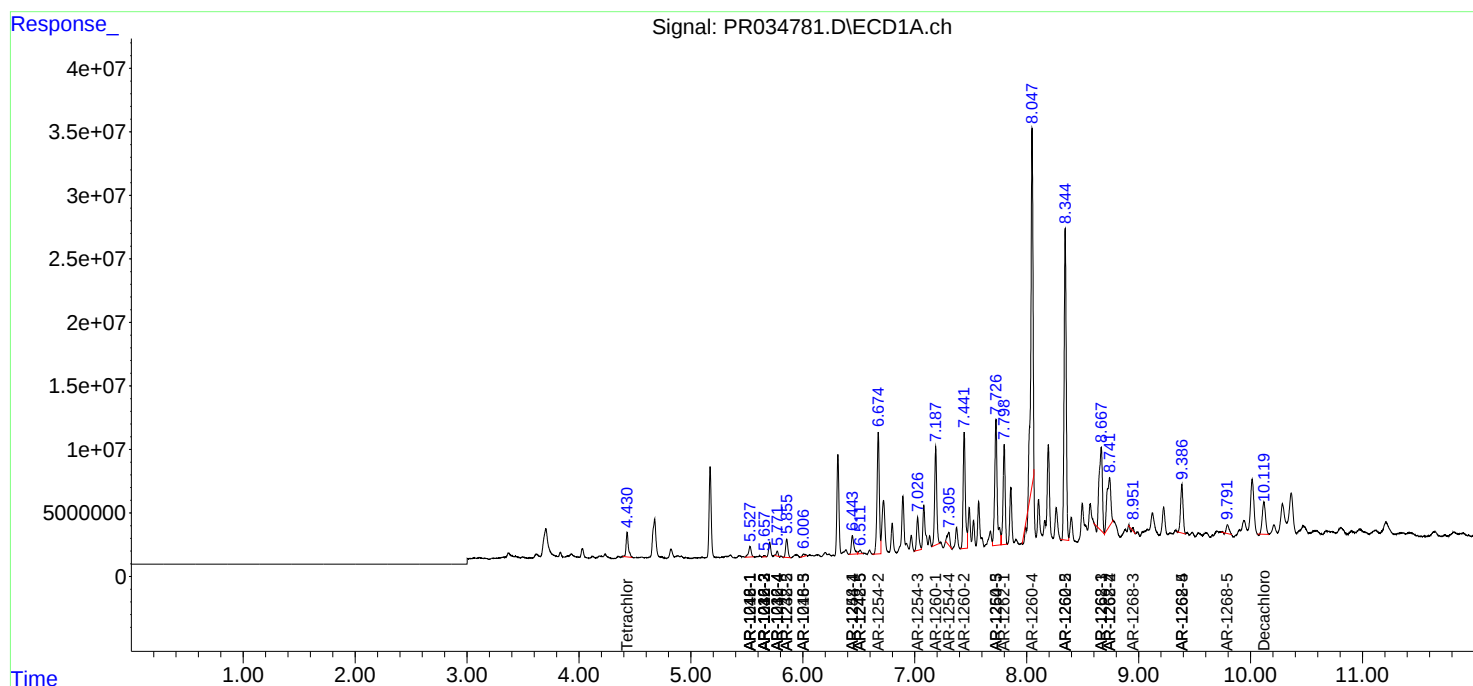
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

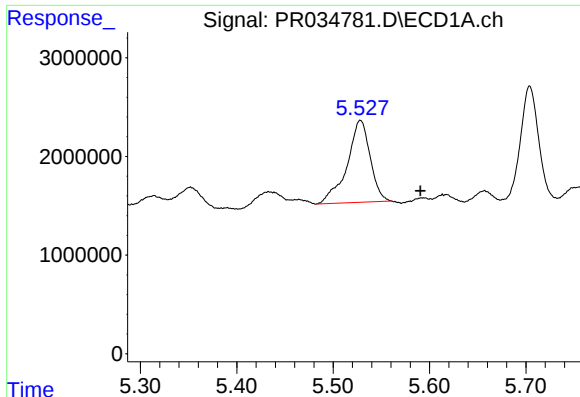
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Acq On : 18 Dec 2018 13:07
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Sample : J6415-04
Misc :
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

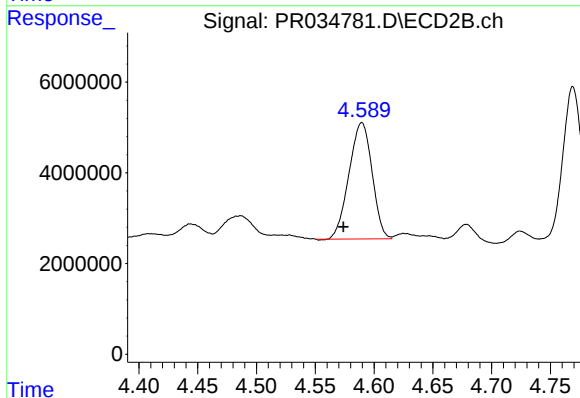




#3 AR-1016-1

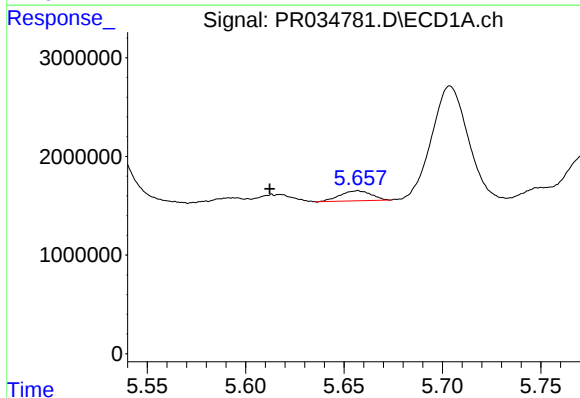
R.T.: 5.528 min
Delta R.T.: -0.062 min
Response: 13836413
Conc: 204.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



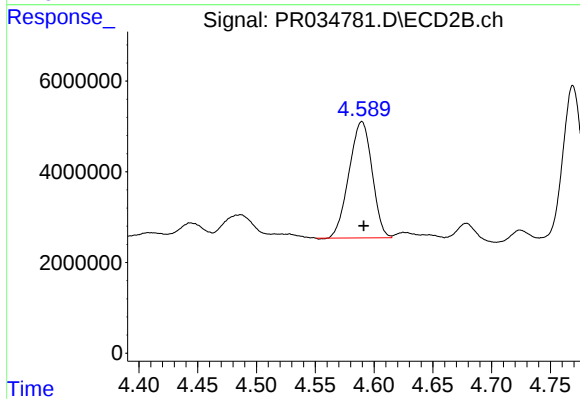
#3 AR-1016-1

R.T.: 4.590 min
Delta R.T.: 0.016 min
Response: 35025745
Conc: 269.17 ng/ml



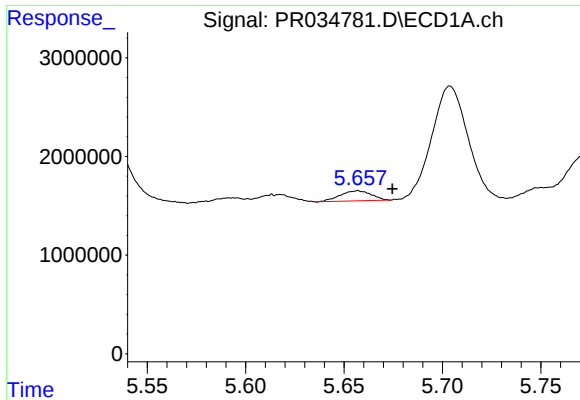
#4 AR-1016-2

R.T.: 5.657 min
Delta R.T.: 0.045 min
Response: 1133259
Conc: 11.44 ng/ml



#4 AR-1016-2

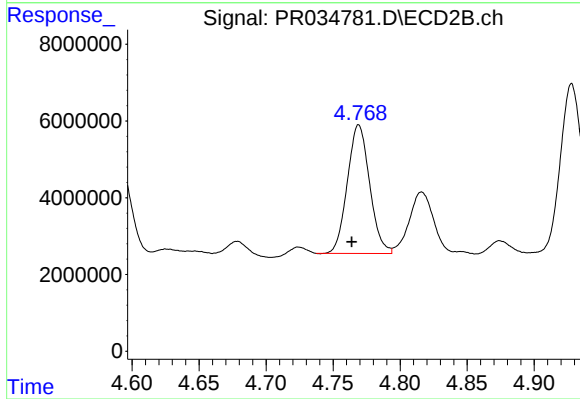
R.T.: 4.590 min
Delta R.T.: -0.002 min
Response: 35025745
Conc: 177.21 ng/ml



#5 AR-1016-3

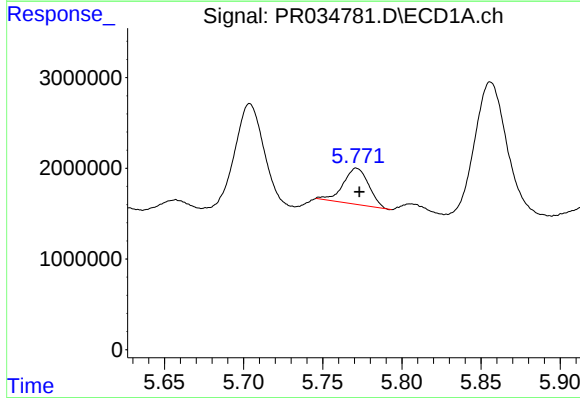
R.T.: 5.657 min
Delta R.T.: -0.018 min
Response: 1133259
Conc: 19.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



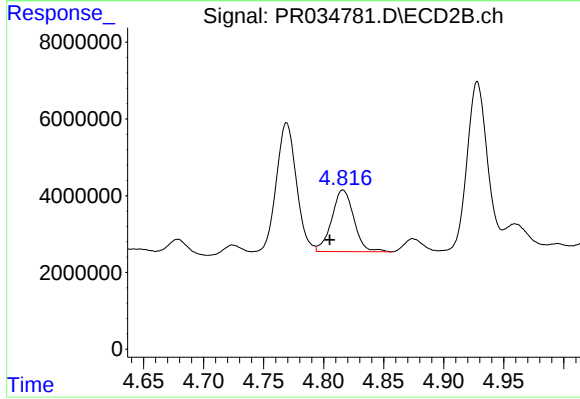
#5 AR-1016-3

R.T.: 4.769 min
Delta R.T.: 0.005 min
Response: 38792914
Conc: 403.61 ng/ml



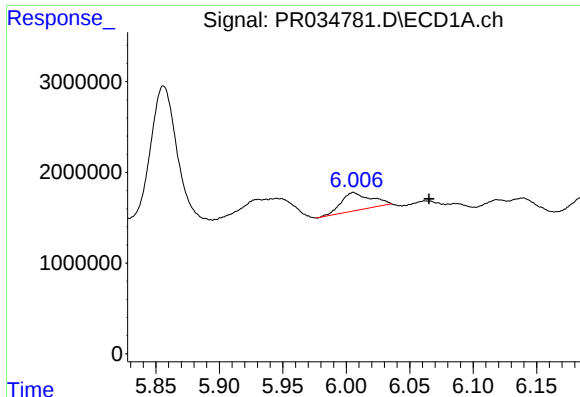
#6 AR-1016-4

R.T.: 5.771 min
Delta R.T.: -0.002 min
Response: 4477423
Conc: 94.39 ng/ml



#6 AR-1016-4

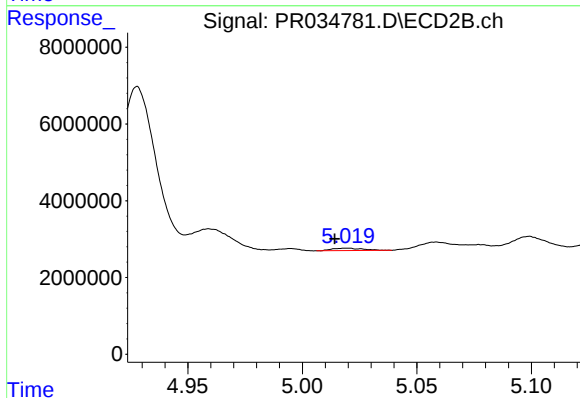
R.T.: 4.816 min
Delta R.T.: 0.011 min
Response: 20600714
Conc: 272.68 ng/ml



#7 AR-1016-5

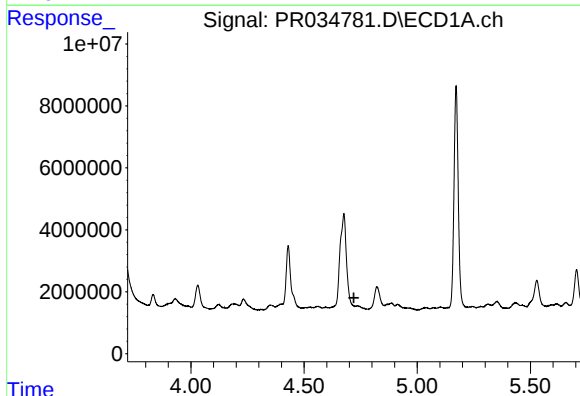
R.T.: 6.006 min
Delta R.T.: -0.059 min
Response: 3241630
Conc: 68.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



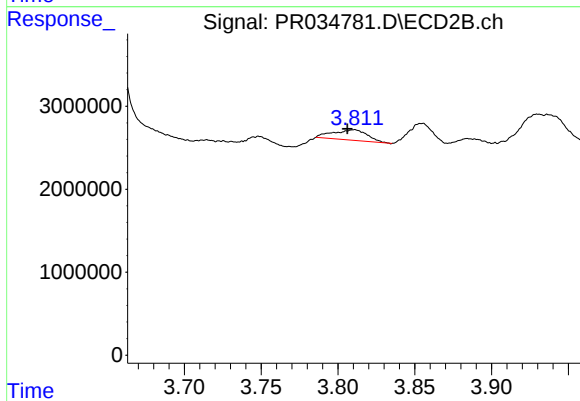
#7 AR-1016-5

R.T.: 5.019 min
Delta R.T.: 0.005 min
Response: 574571
Conc: 5.59 ng/ml



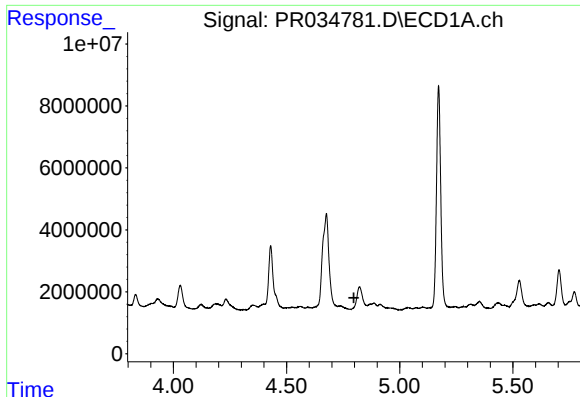
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.720 min
Response: 0
Conc: N.D.



#9 AR-1221-2

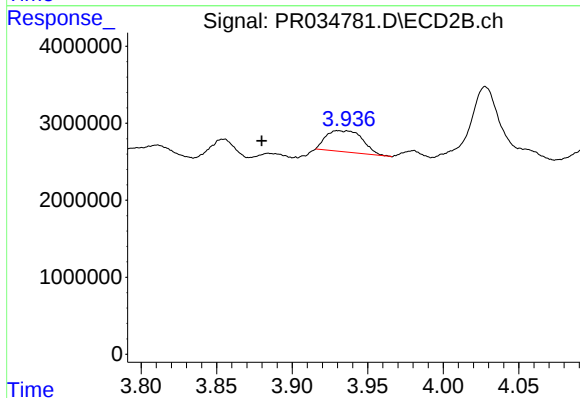
R.T.: 3.811 min
Delta R.T.: 0.005 min
Response: 1879631
Conc: 61.15 ng/ml



#10 AR-1221-3

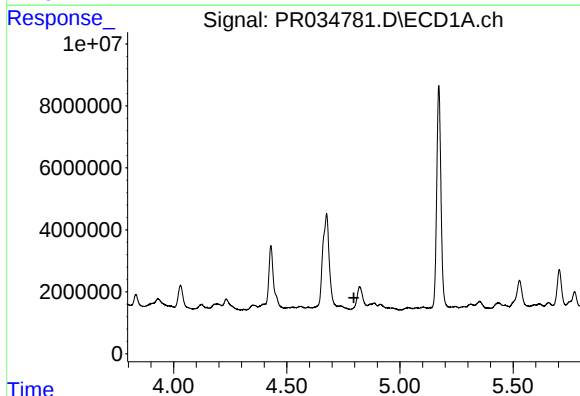
R.T.: 4.822 min
Delta R.T.: 0.025 min
Response: -464682
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



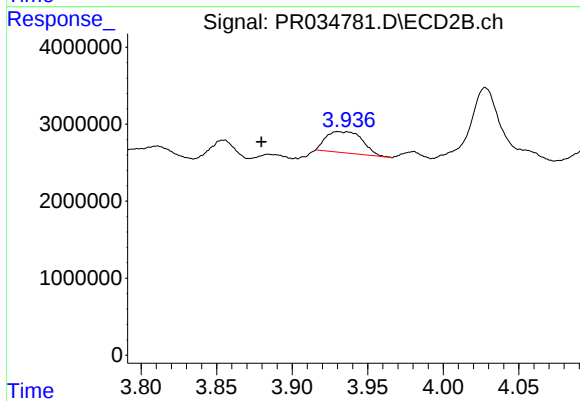
#10 AR-1221-3

R.T.: 3.930 min
Delta R.T.: 0.050 min
Response: 4601781
Conc: 41.48 ng/ml



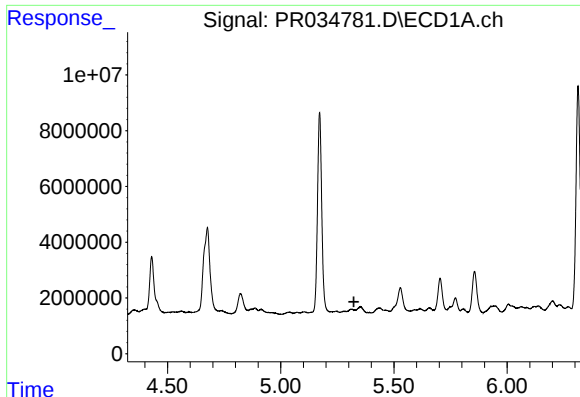
#11 AR-1232-1

R.T.: 4.822 min
Delta R.T.: 0.026 min
Response: -464682
Conc: N.D.



#11 AR-1232-1

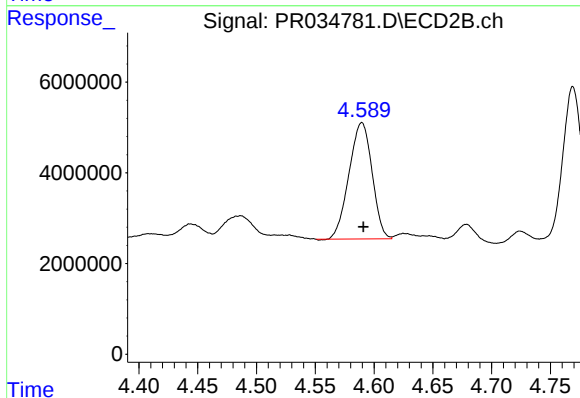
R.T.: 3.930 min
Delta R.T.: 0.051 min
Response: 4601781
Conc: 50.36 ng/ml



#12 AR-1232-2

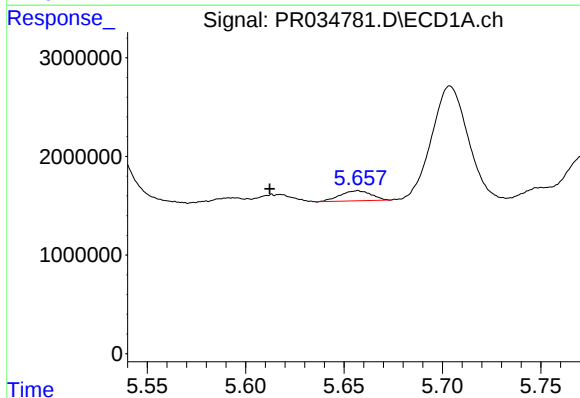
R.T.: 0.000 min
Exp R.T.: 5.323 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



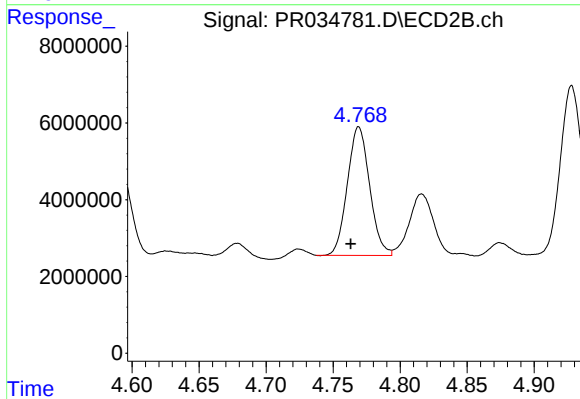
#12 AR-1232-2

R.T.: 4.590 min
Delta R.T.: -0.001 min
Response: 35025745
Conc: 339.10 ng/ml



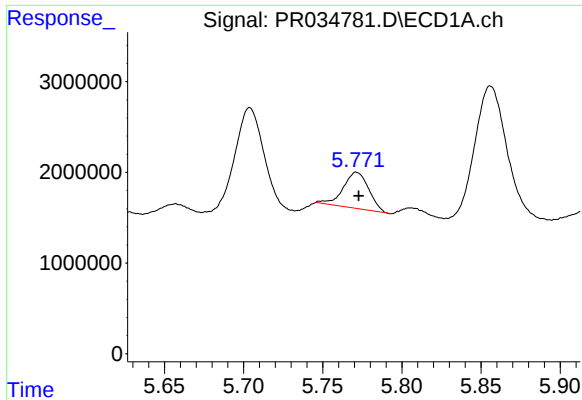
#13 AR-1232-3

R.T.: 5.657 min
Delta R.T.: 0.045 min
Response: 1133259
Conc: 22.08 ng/ml



#13 AR-1232-3

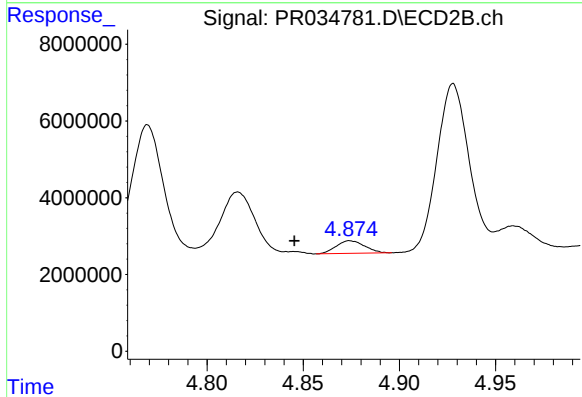
R.T.: 4.769 min
Delta R.T.: 0.006 min
Response: 38792914
Conc: 803.15 ng/ml



#14 AR-1232-4

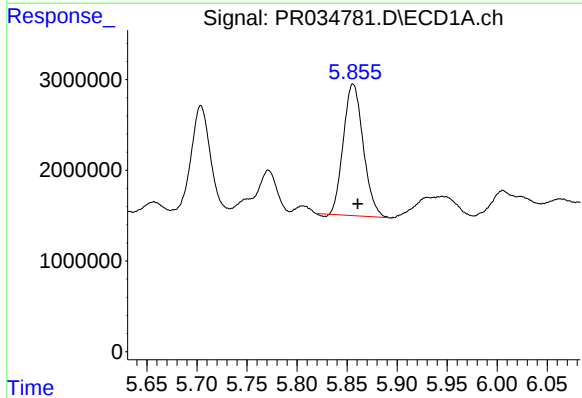
R.T.: 5.771 min
Delta R.T.: -0.001 min
Response: 4477423
Conc: 192.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



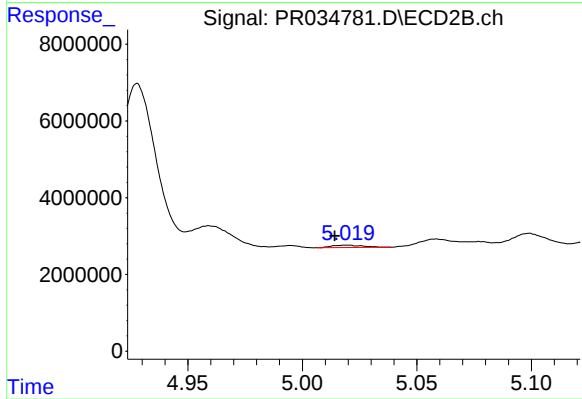
#14 AR-1232-4

R.T.: 4.874 min
Delta R.T.: 0.029 min
Response: 3355105
Conc: 74.93 ng/ml



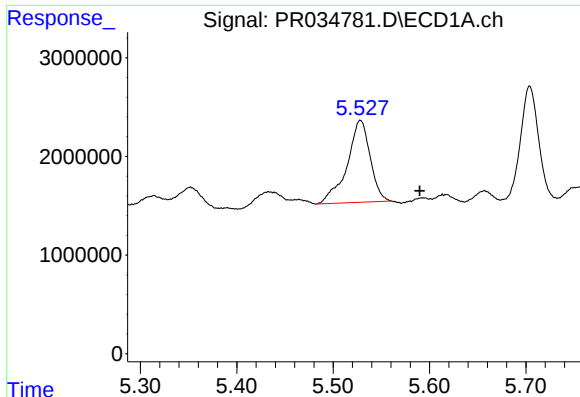
#15 AR-1232-5

R.T.: 5.856 min
Delta R.T.: -0.005 min
Response: 19965840
Conc: 1262.81 ng/ml



#15 AR-1232-5

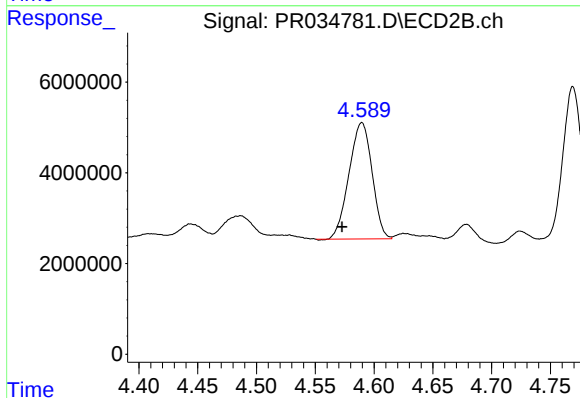
R.T.: 5.019 min
Delta R.T.: 0.005 min
Response: 574571
Conc: 11.56 ng/ml



#16 AR-1242-1

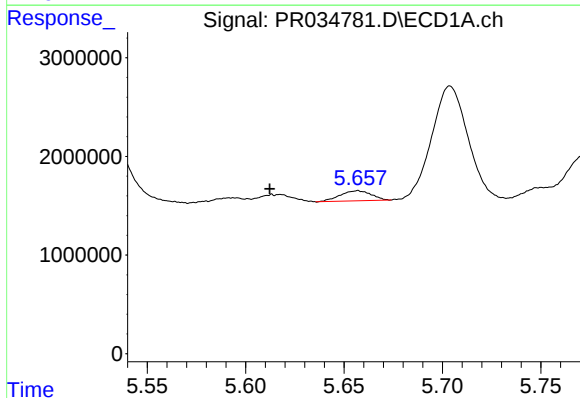
R.T.: 5.528 min
Delta R.T.: -0.062 min
Response: 13836413
Conc: 238.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



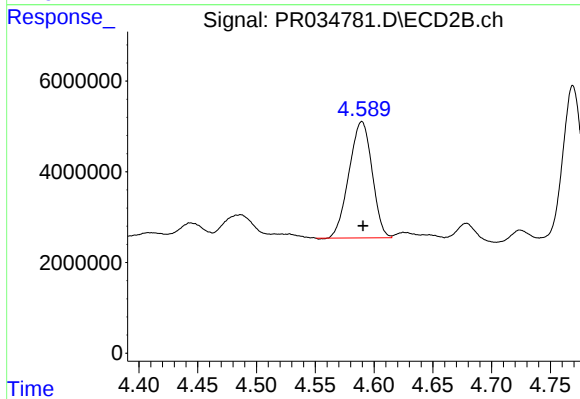
#16 AR-1242-1

R.T.: 4.590 min
Delta R.T.: 0.017 min
Response: 35025745
Conc: 308.56 ng/ml



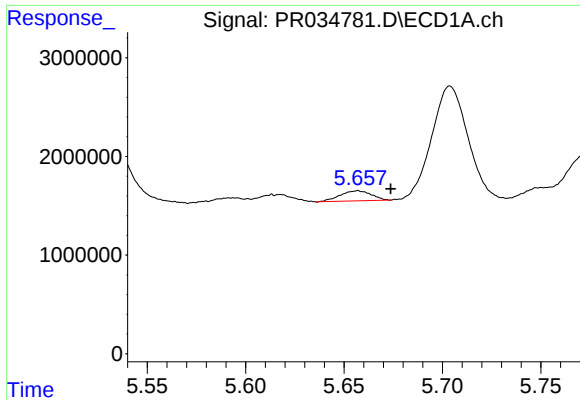
#17 AR-1242-2

R.T.: 5.657 min
Delta R.T.: 0.045 min
Response: 1133259
Conc: 13.39 ng/ml



#17 AR-1242-2

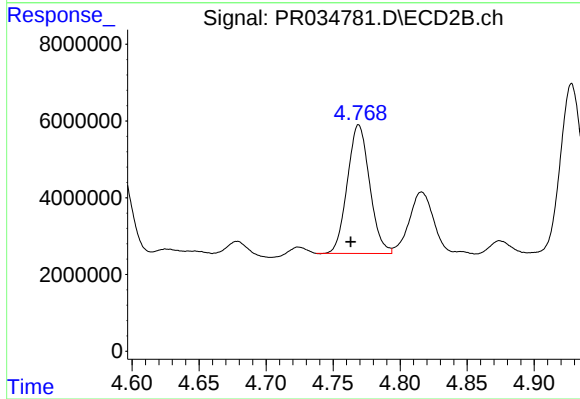
R.T.: 4.590 min
Delta R.T.: 0.000 min
Response: 35025745
Conc: 205.16 ng/ml



#18 AR-1242-3

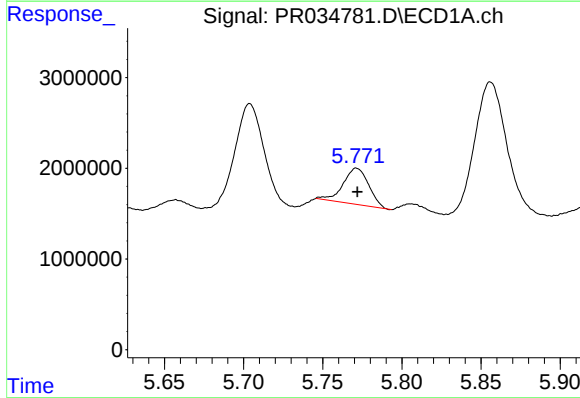
R.T.: 5.657 min
Delta R.T.: -0.017 min
Response: 1133259
Conc: 22.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



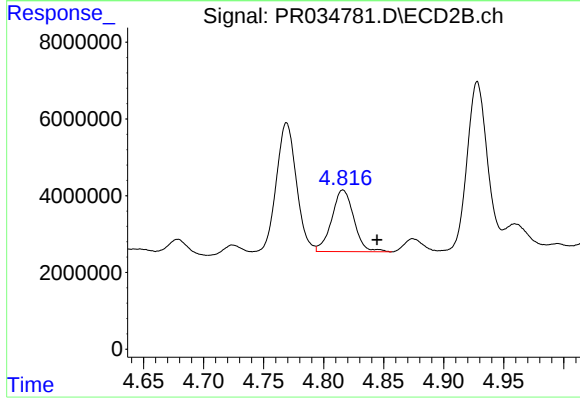
#18 AR-1242-3

R.T.: 4.769 min
Delta R.T.: 0.006 min
Response: 38792914
Conc: 457.83 ng/ml



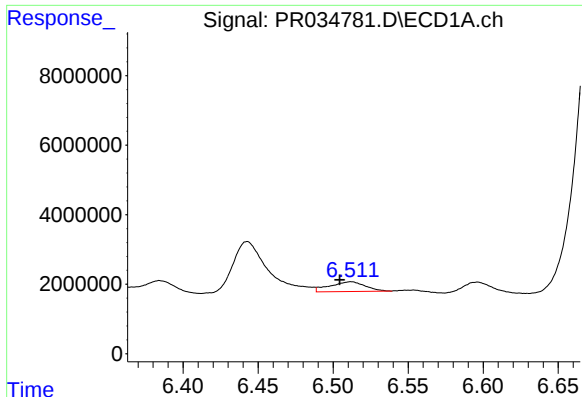
#19 AR-1242-4

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 4477423
Conc: 109.57 ng/ml



#19 AR-1242-4

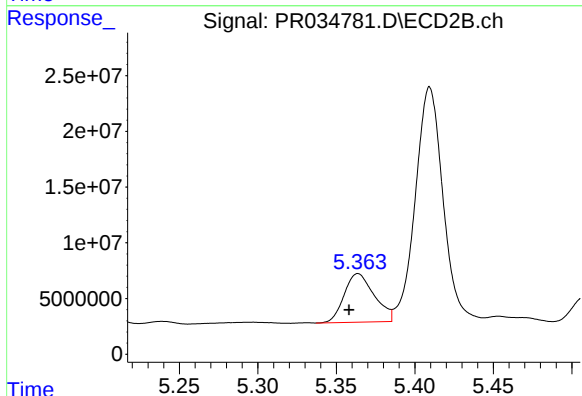
R.T.: 4.816 min
Delta R.T.: -0.029 min
Response: 20600714
Conc: 249.17 ng/ml



#20 AR-1242-5

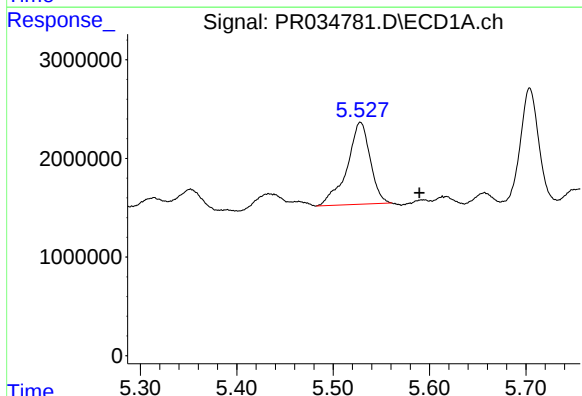
R.T.: 6.512 min
Delta R.T.: 0.007 min
Response: 4614126
Conc: 100.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



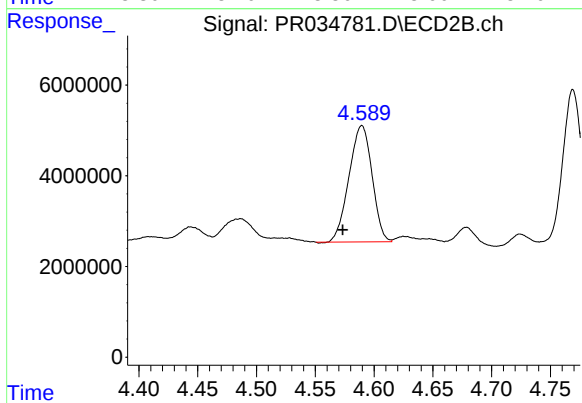
#20 AR-1242-5

R.T.: 5.364 min
Delta R.T.: 0.006 min
Response: 58092885
Conc: 522.30 ng/ml



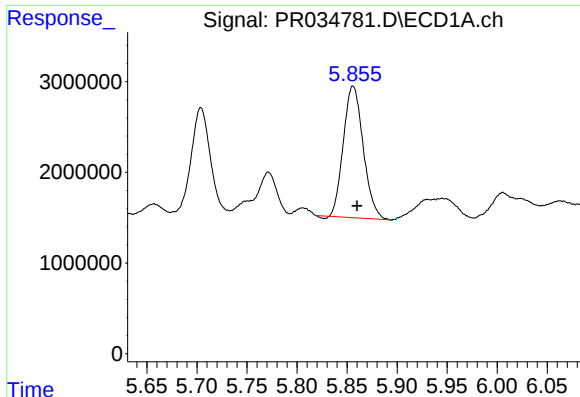
#21 AR-1248-1

R.T.: 5.528 min
Delta R.T.: -0.061 min
Response: 13836413
Conc: 285.15 ng/ml



#21 AR-1248-1

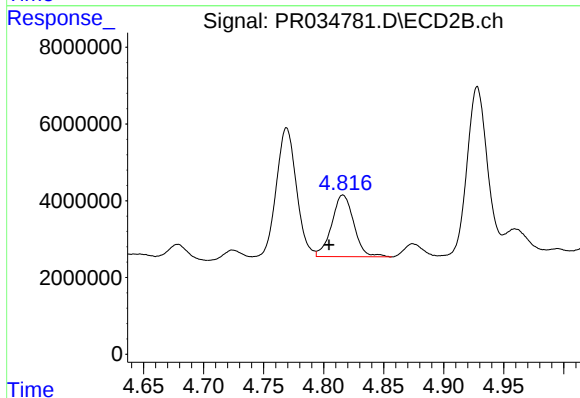
R.T.: 4.590 min
Delta R.T.: 0.016 min
Response: 35025745
Conc: 359.23 ng/ml



#22 AR-1248-2

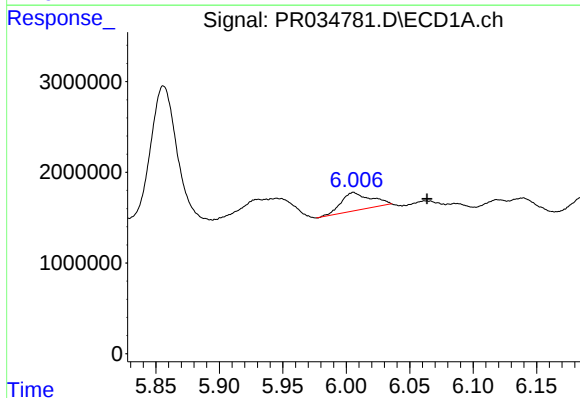
R.T.: 5.856 min
Delta R.T.: -0.004 min
Response: 19965840
Conc: 302.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



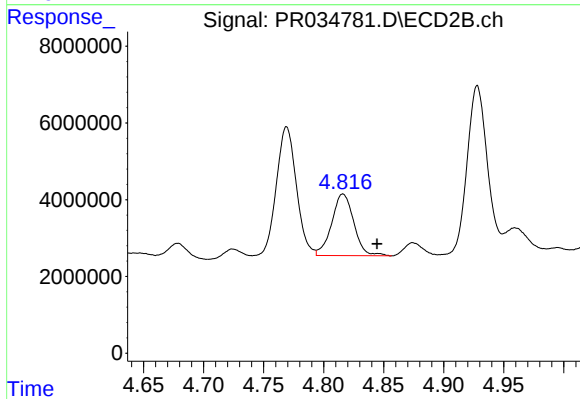
#22 AR-1248-2

R.T.: 4.816 min
Delta R.T.: 0.012 min
Response: 20600714
Conc: 160.81 ng/ml



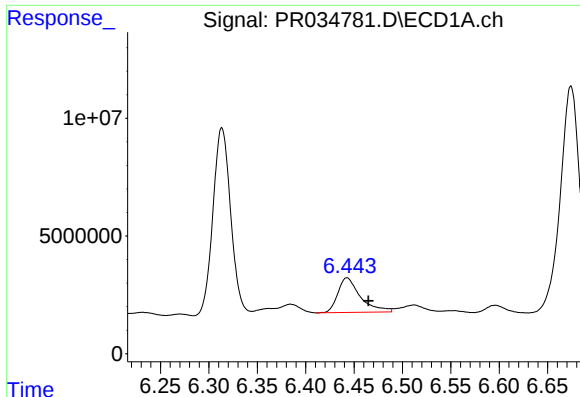
#23 AR-1248-3

R.T.: 6.006 min
Delta R.T.: -0.058 min
Response: 3241630
Conc: 43.39 ng/ml



#23 AR-1248-3

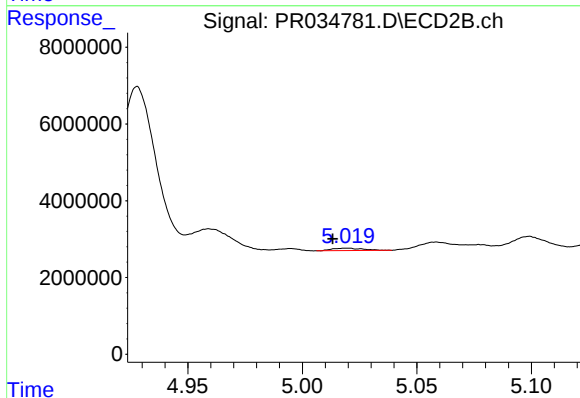
R.T.: 4.816 min
Delta R.T.: -0.028 min
Response: 20600714
Conc: 156.09 ng/ml



#24 AR-1248-4

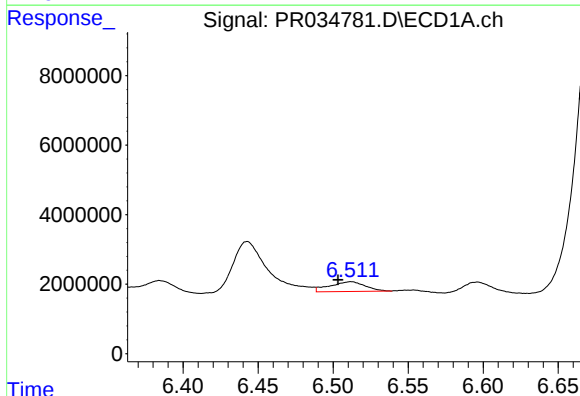
R.T.: 6.443 min
Delta R.T.: -0.022 min
Response: 23886027
Conc: 267.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



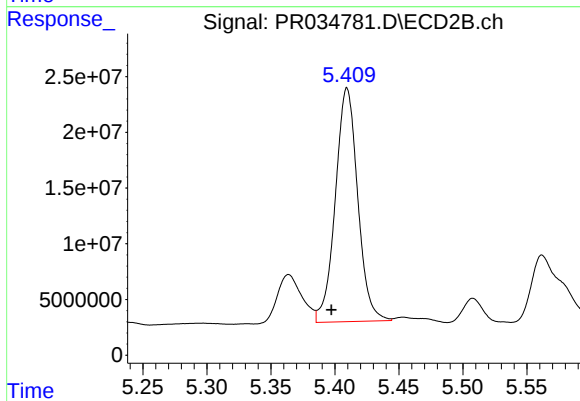
#24 AR-1248-4

R.T.: 5.019 min
Delta R.T.: 0.006 min
Response: 574571
Conc: 3.49 ng/ml



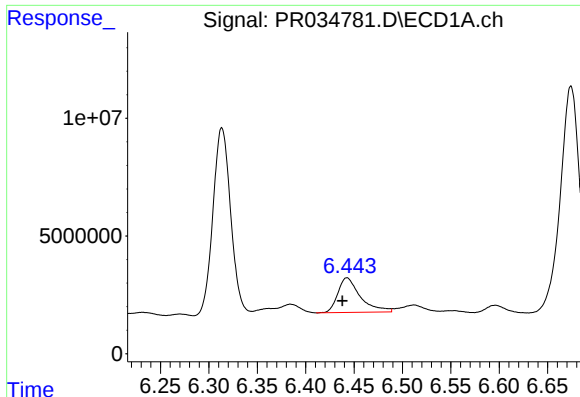
#25 AR-1248-5

R.T.: 6.512 min
Delta R.T.: 0.008 min
Response: 4614126
Conc: 55.15 ng/ml



#25 AR-1248-5

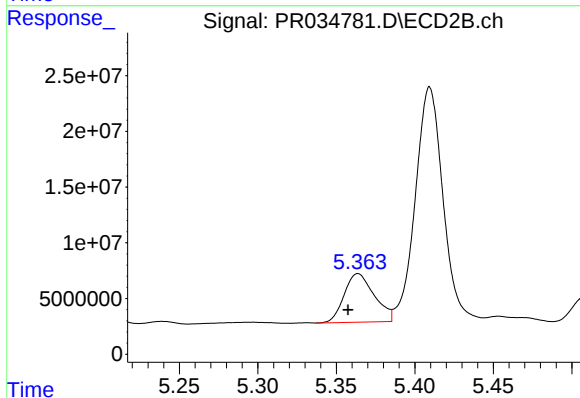
R.T.: 5.409 min
Delta R.T.: 0.012 min
Response: 255571288
Conc: 1527.11 ng/ml



#26 AR-1254-1

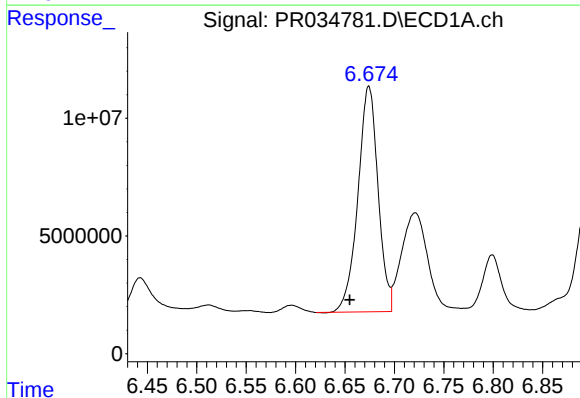
R.T.: 6.443 min
Delta R.T.: 0.005 min
Response: 23886027
Conc: 292.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



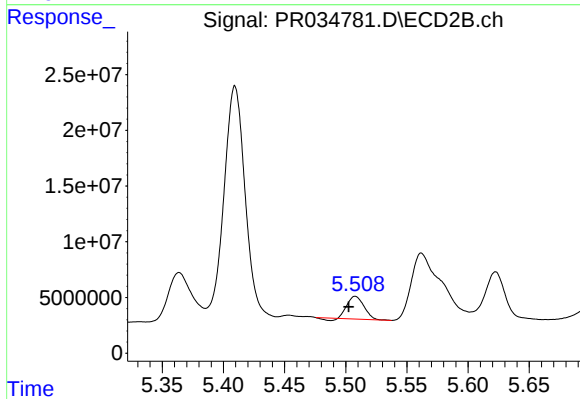
#26 AR-1254-1

R.T.: 5.364 min
Delta R.T.: 0.006 min
Response: 58092885
Conc: 237.41 ng/ml



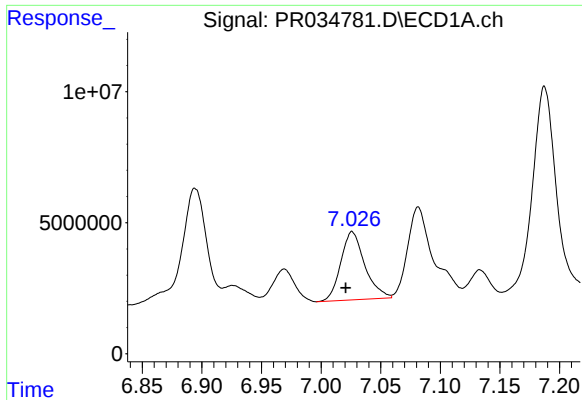
#27 AR-1254-2

R.T.: 6.674 min
Delta R.T.: 0.019 min
Response: 135918648
Conc: 1063.72 ng/ml



#27 AR-1254-2

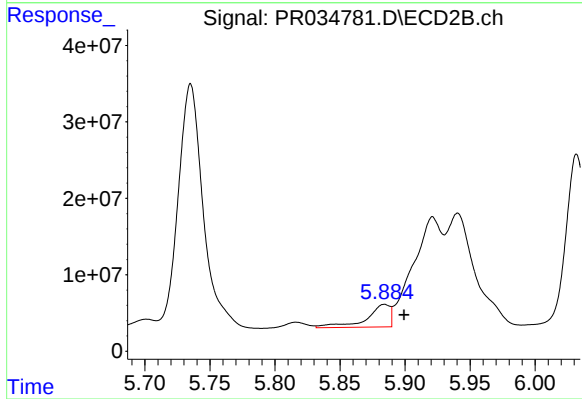
R.T.: 5.508 min
Delta R.T.: 0.005 min
Response: 18532650
Conc: 87.13 ng/ml



#28 AR-1254-3

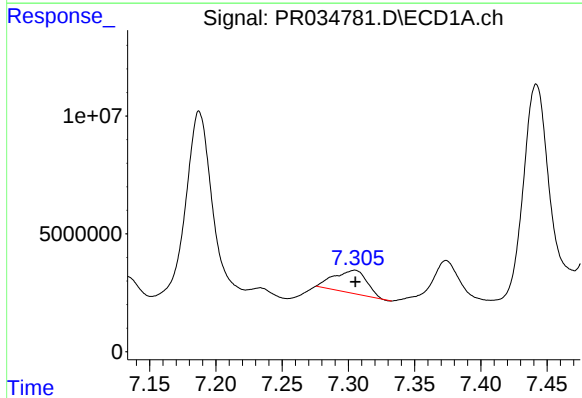
R.T.: 7.026 min
Delta R.T.: 0.005 min
Response: 36562796
Conc: 270.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



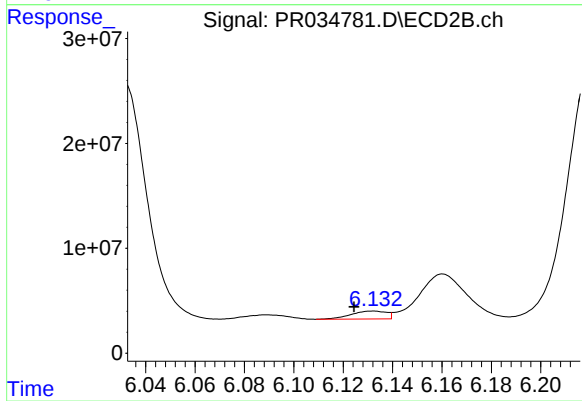
#28 AR-1254-3

R.T.: 5.884 min
Delta R.T.: -0.015 min
Response: 36590037
Conc: 102.40 ng/ml



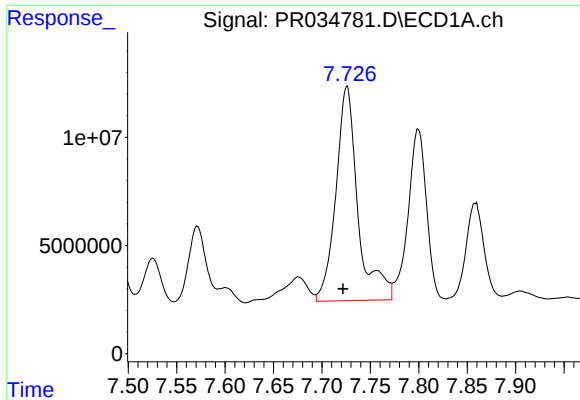
#29 AR-1254-4

R.T.: 7.304 min
Delta R.T.: 0.000 min
Response: 16637853
Conc: 156.85 ng/ml



#29 AR-1254-4

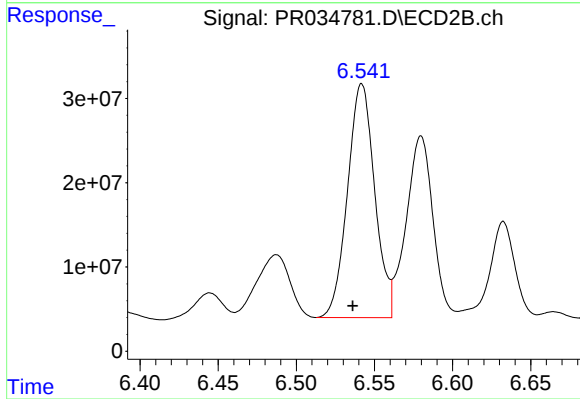
R.T.: 6.132 min
Delta R.T.: 0.008 min
Response: 7508638
Conc: 31.79 ng/ml



#30 AR-1254-5

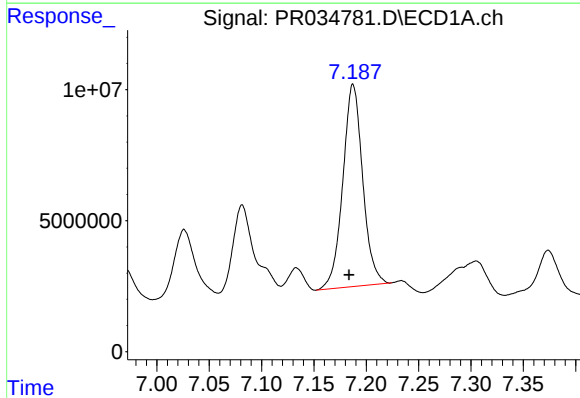
R.T.: 7.726 min
Delta R.T.: 0.004 min
Response: 156974475
Conc: 1465.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



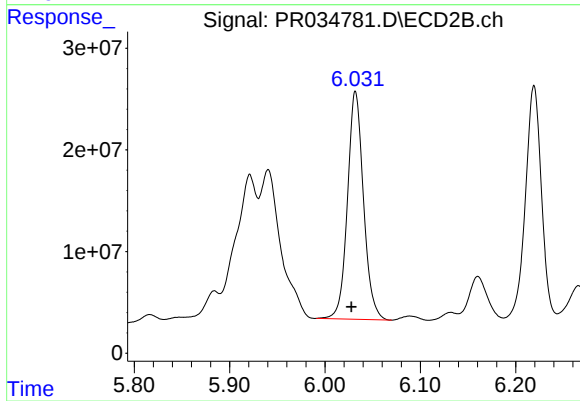
#30 AR-1254-5

R.T.: 6.542 min
Delta R.T.: 0.006 min
Response: 336140988
Conc: 1053.93 ng/ml



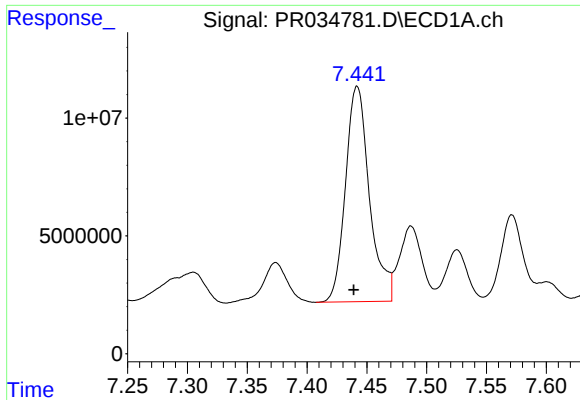
#31 AR-1260-1

R.T.: 7.187 min
Delta R.T.: 0.004 min
Response: 102051073
Conc: 1085.56 ng/ml



#31 AR-1260-1

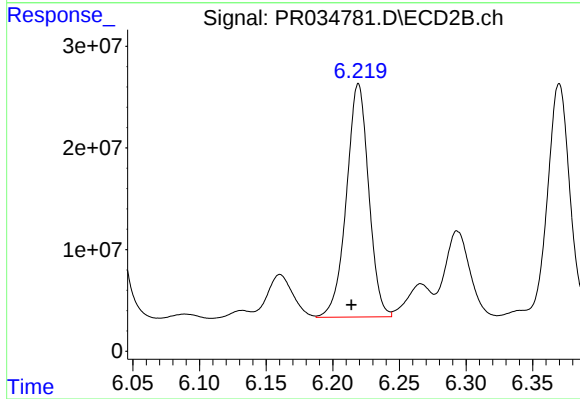
R.T.: 6.032 min
Delta R.T.: 0.004 min
Response: 262587288
Conc: 1221.49 ng/ml



#32 AR-1260-2

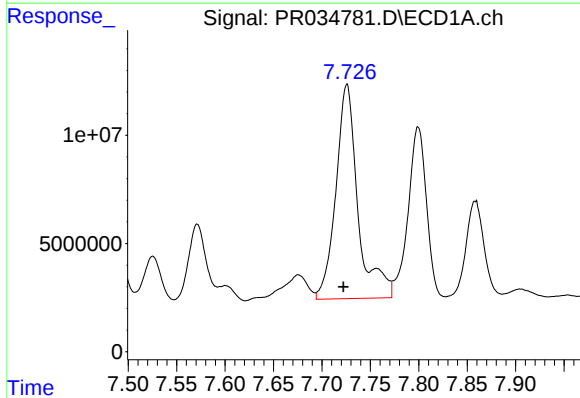
R.T.: 7.442 min
Delta R.T.: 0.003 min
Response: 127378325
Conc: 1097.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



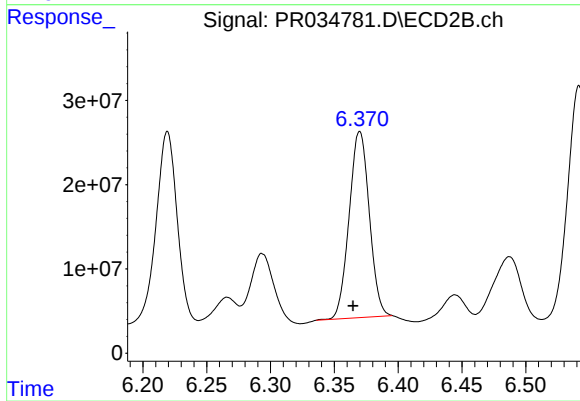
#32 AR-1260-2

R.T.: 6.219 min
Delta R.T.: 0.005 min
Response: 266716582
Conc: 980.14 ng/ml



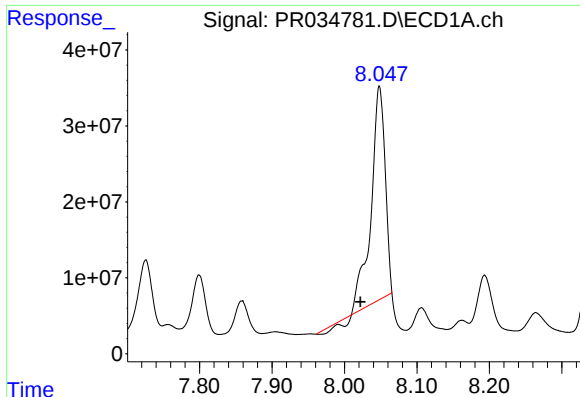
#33 AR-1260-3

R.T.: 7.726 min
Delta R.T.: 0.004 min
Response: 156974475
Conc: 1124.81 ng/ml



#33 AR-1260-3

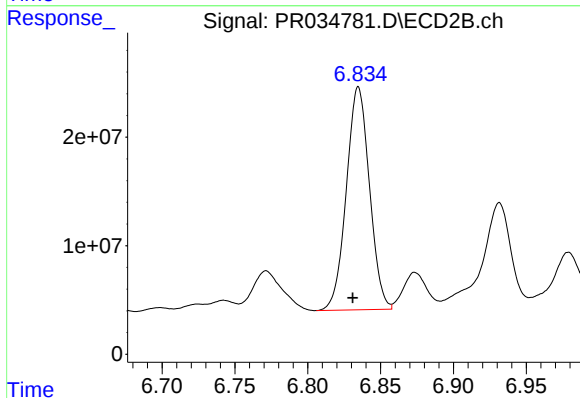
R.T.: 6.370 min
Delta R.T.: 0.005 min
Response: 243797909
Conc: 982.12 ng/ml



#34 AR-1260-4

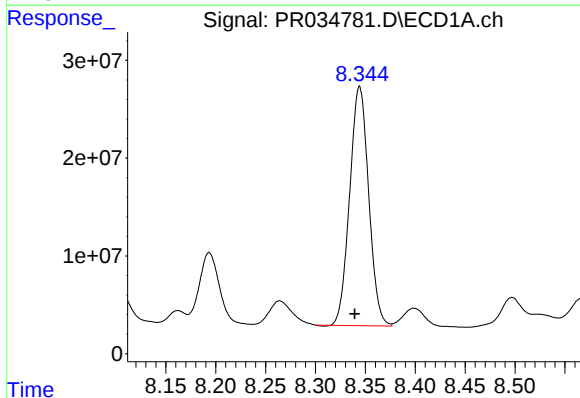
R.T.: 8.048 min
Delta R.T.: 0.026 min
Response: 372185633
Conc: 4309.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



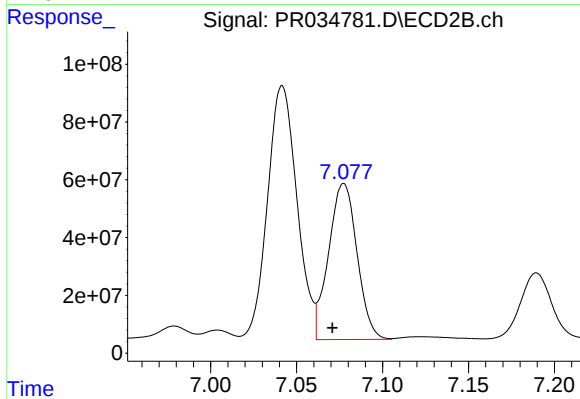
#34 AR-1260-4

R.T.: 6.835 min
Delta R.T.: 0.004 min
Response: 226828686
Conc: 1326.56 ng/ml



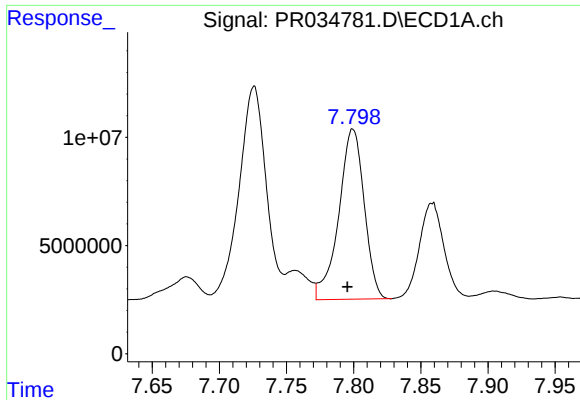
#35 AR-1260-5

R.T.: 8.344 min
Delta R.T.: 0.005 min
Response: 323974199
Conc: 1794.34 ng/ml



#35 AR-1260-5

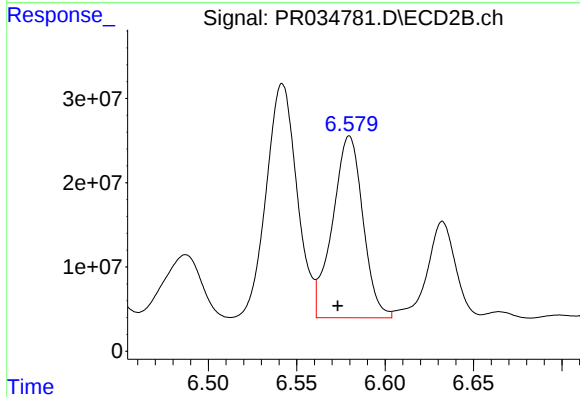
R.T.: 7.077 min
Delta R.T.: 0.007 min
Response: 622728000
Conc: 1287.57 ng/ml



#36 AR-1262-1

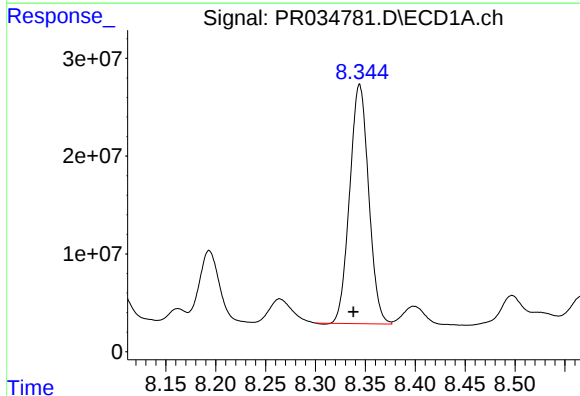
R.T.: 7.799 min
Delta R.T.: 0.004 min
Response: 103703932
Conc: 638.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



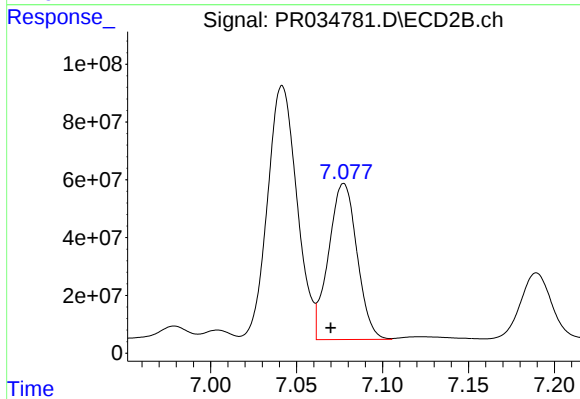
#36 AR-1262-1

R.T.: 6.580 min
Delta R.T.: 0.007 min
Response: 257998397
Conc: 664.02 ng/ml



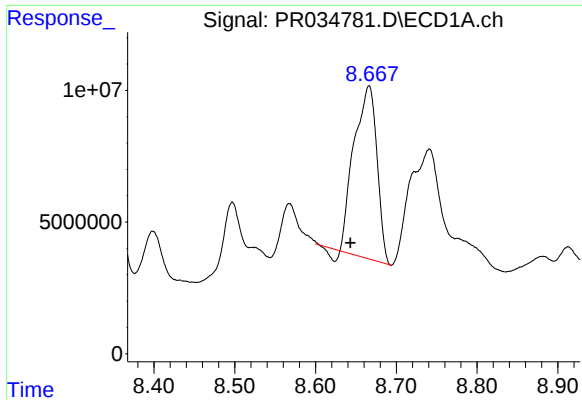
#37 AR-1262-2

R.T.: 8.344 min
Delta R.T.: 0.006 min
Response: 323974199
Conc: 1145.60 ng/ml



#37 AR-1262-2

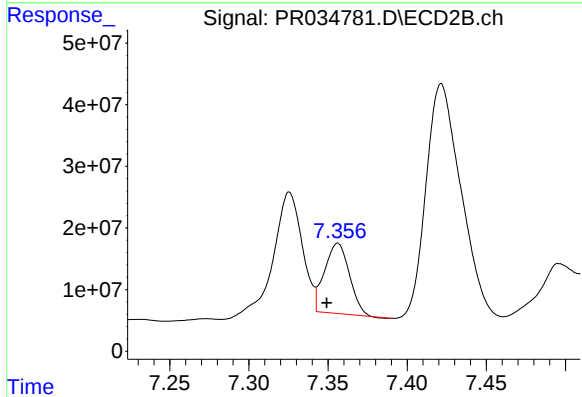
R.T.: 7.077 min
Delta R.T.: 0.007 min
Response: 622728000
Conc: 874.85 ng/ml



#38 AR-1262-3

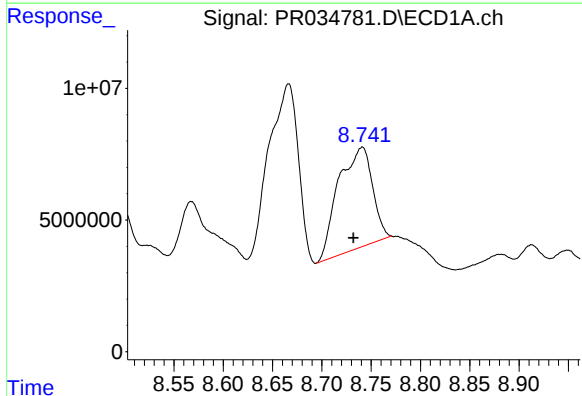
R.T.: 8.666 min
Delta R.T.: 0.023 min
Response: 127233788
Conc: 654.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



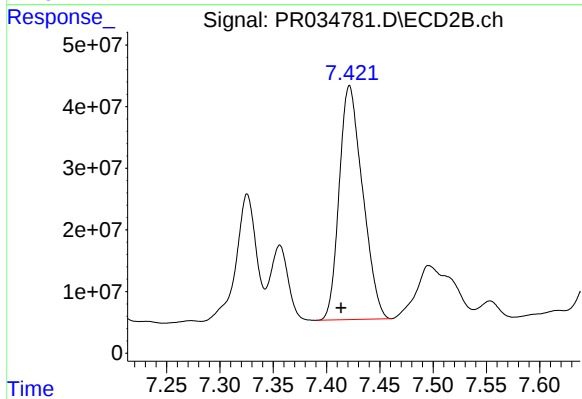
#38 AR-1262-3

R.T.: 7.356 min
Delta R.T.: 0.007 min
Response: 124682558
Conc: 408.03 ng/ml



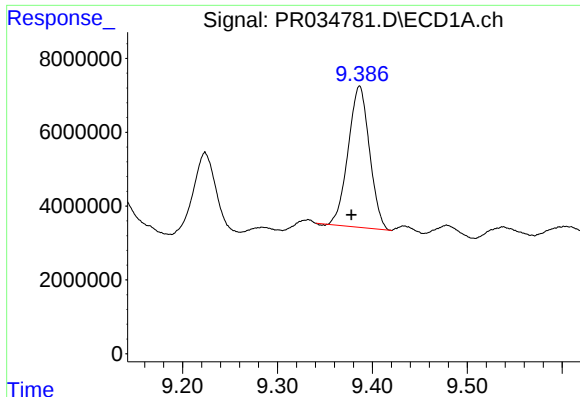
#39 AR-1262-4

R.T.: 8.741 min
Delta R.T.: 0.008 min
Response: 92032808
Conc: 623.64 ng/ml



#39 AR-1262-4

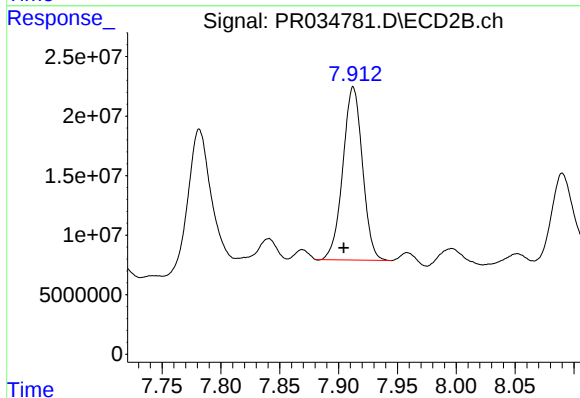
R.T.: 7.422 min
Delta R.T.: 0.008 min
Response: 579523774
Conc: 1106.91 ng/ml



#40 AR-1262-5

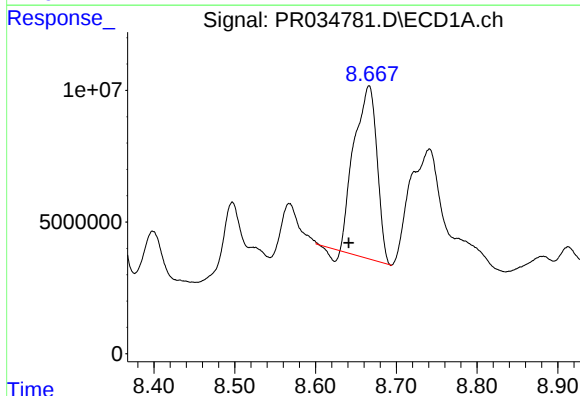
R.T.: 9.386 min
Delta R.T.: 0.009 min
Response: 59536438
Conc: 561.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



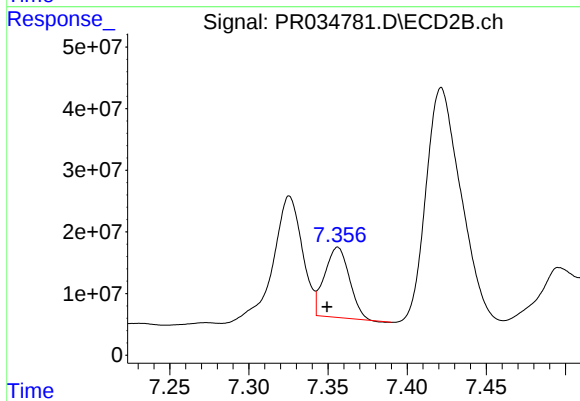
#40 AR-1262-5

R.T.: 7.912 min
Delta R.T.: 0.008 min
Response: 168835132
Conc: 690.53 ng/ml



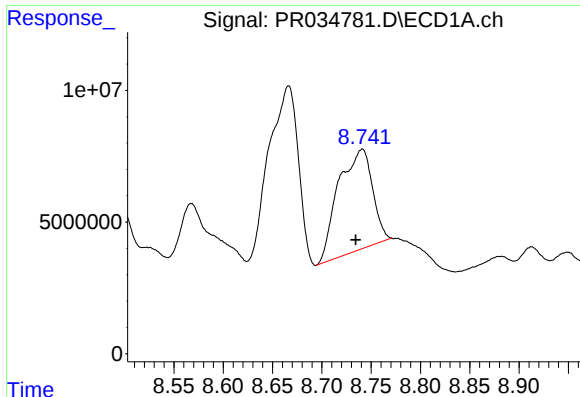
#41 AR-1268-1

R.T.: 8.666 min
Delta R.T.: 0.025 min
Response: 127233788
Conc: 334.88 ng/ml



#41 AR-1268-1

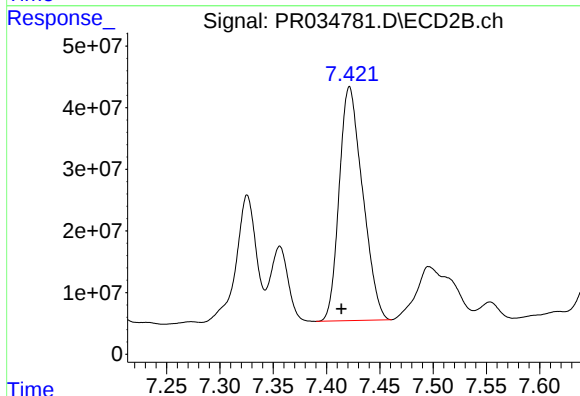
R.T.: 7.356 min
Delta R.T.: 0.007 min
Response: 124682558
Conc: 136.97 ng/ml



#42 AR-1268-2

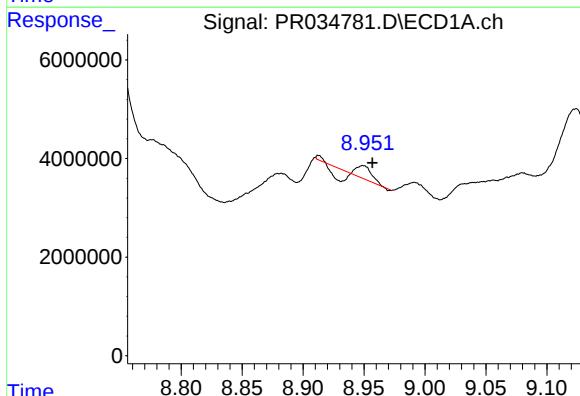
R.T.: 8.741 min
Delta R.T.: 0.006 min
Response: 92032808
Conc: 269.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



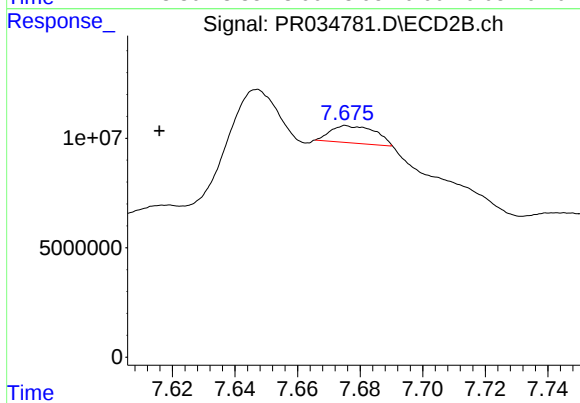
#42 AR-1268-2

R.T.: 7.422 min
Delta R.T.: 0.008 min
Response: 579523774
Conc: 689.96 ng/ml



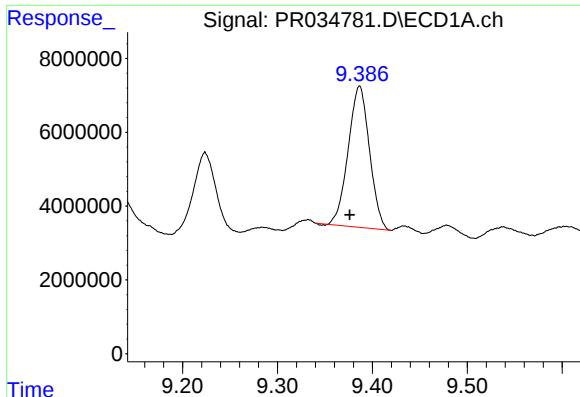
#43 AR-1268-3

R.T.: 8.949 min
Delta R.T.: -0.008 min
Response: 1111018
Conc: 3.66 ng/ml



#43 AR-1268-3

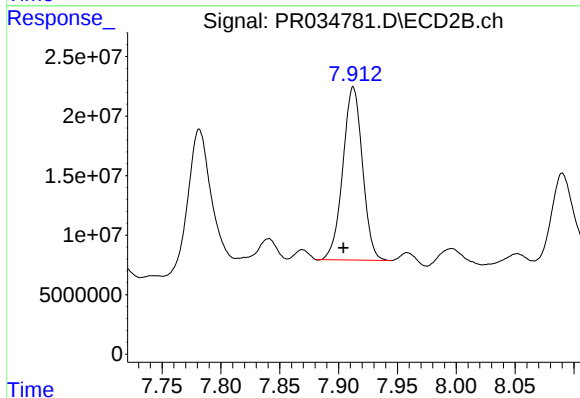
R.T.: 7.676 min
Delta R.T.: 0.060 min
Response: 7583047
Conc: 10.36 ng/ml



#44 AR-1268-4

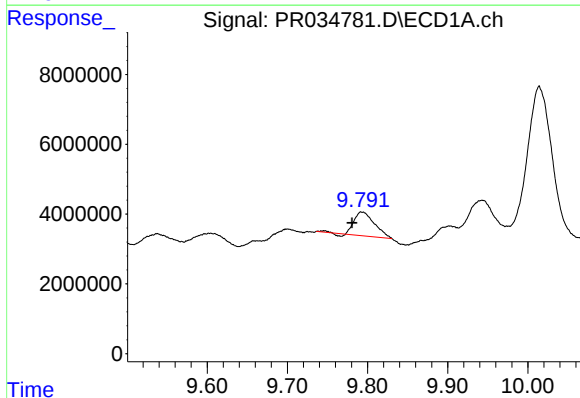
R.T.: 9.386 min
Delta R.T.: 0.010 min
Response: 59536438
Conc: 478.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



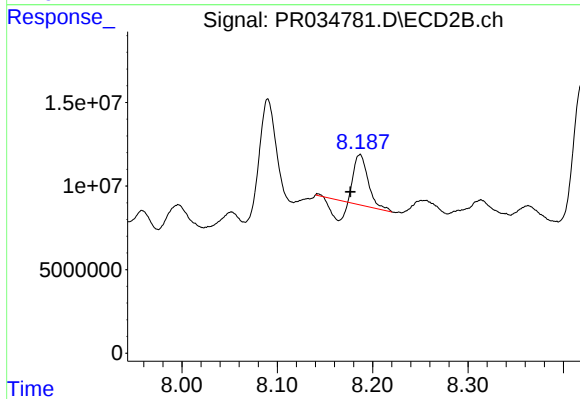
#44 AR-1268-4

R.T.: 7.912 min
Delta R.T.: 0.008 min
Response: 168835132
Conc: 581.33 ng/ml



#45 AR-1268-5

R.T.: 9.794 min
Delta R.T.: 0.013 min
Response: 11710092
Conc: 12.65 ng/ml



#45 AR-1268-5

R.T.: 8.187 min
Delta R.T.: 0.010 min
Response: 20544327
Conc: 9.12 ng/ml