

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012219\
 Data File : PR035272.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jan 2019 12:45
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660347

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 00:14:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR010419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jan 05 01:47:32 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.433	3.509	20166008	38056574	16.723	17.867
2)	SA Decachlor...	10.113	8.392	75173394	169.9E6	33.432	32.233
Target Compounds							
3)	L1 AR-1016-1	5.596	4.565	25419801	50628087	304.102	307.131
4)	L1 AR-1016-2	5.618	4.582	40366333	84377244	322.943	327.616
5)	L1 AR-1016-3	5.679	4.754	23665438	42680554	310.105	322.180
6)	L1 AR-1016-4	5.777	4.795	19696024	32709480	308.701	317.528
7)	L1 AR-1016-5	6.069	5.003	20538551	46605442	308.358	312.861
8)	L2 AR-1221-1	4.638	3.717	1836910	3881422	121.482	122.818
9)	L2 AR-1221-2	4.728	3.801	2220869	4967049	209.265	219.633
10)	L2 AR-1221-3	4.804	3.875	11375335	23316023	294.437	290.141
11)	L3 AR-1232-1	4.804	3.875	11375335	23316023	378.515	377.906
12)	L3 AR-1232-2	5.329	4.582	16946631	84377244	1021.668	1037.606
13)	L3 AR-1232-3	5.618	4.754	40366333	42680554	1047.557	1030.831
14)	L3 AR-1232-4	5.777	4.835	19696024	40557566	1032.588	1066.710
15)	L3 AR-1232-5	5.865	5.003	16865045	46605442	1206.641	1052.246
16)	L4 AR-1242-1	5.596	4.565	25419801	50628087	496.720	499.989
17)	L4 AR-1242-2	5.618	4.582	40366333	84377244	535.484	539.568
18)	L4 AR-1242-3	5.679	4.754	23665438	42680554	516.116	519.905
19)	L4 AR-1242-4	5.777	4.835	19696024	40557566	510.425	494.978
20)	L4 AR-1242-5	6.509	5.346	5680528	49680323	118.091	429.114 #
21)	L5 AR-1248-1	5.596	4.565	25419801	50628087	736.547	720.862
22)	L5 AR-1248-2	5.865	4.795	16865045	32709480	328.349	324.713
23)	L5 AR-1248-3	6.069	4.835	20538551	40557566	344.890	387.400
24)	L5 AR-1248-4	6.470	5.003	7299831	46605442	97.912	349.945 #
25)	L5 AR-1248-5	6.509	5.387	5680528	11954704	81.855	84.469
26)	L6 AR-1254-1	6.443	5.346	19820544	49680323	217.239	183.780
27)	L6 AR-1254-2	6.658	5.491	18006851	35573411	122.771	148.120
28)	L6 AR-1254-3	7.025	5.900	8882856	75004186	53.670	176.234 #
29)	L6 AR-1254-4	7.309	6.112	6070693	6036693	44.673	20.792 #
30)	L6 AR-1254-5	7.725	6.522	76115906	162.1E6	534.507	391.373 #
31)	L7 AR-1260-1	7.187	6.014	49459618	113.8E6	320.715	317.580
32)	L7 AR-1260-2	7.441	6.199	67031371	154.6E6	320.715	321.226
33)	L7 AR-1260-3	7.725	6.350	76115906	138.1E6	322.509	320.256
34)	L7 AR-1260-4	8.025	6.814	55221015	119.8E6	330.747	326.463
35)	L7 AR-1260-5	8.342	7.055	133.8E6	328.1E6	340.611	320.790
36)	L8 AR-1262-1	7.799	6.558	57235935	140.1E6	368.070	396.089
37)	L8 AR-1262-2	8.342	7.055	133.8E6	328.1E6	480.733	474.122
38)	L8 AR-1262-3	8.665	7.334	79277787	70575194	424.546	245.310 #
39)	L8 AR-1262-4	8.719	7.398	47868702	224.5E6	342.120	442.950 #
40)	L8 AR-1262-5	9.382	7.889	33899827	75387631	332.205	300.745
41)	L9 AR-1268-1	8.665	7.334	79277787	70575194	140.292	51.488 #
42)	L9 AR-1268-2	8.719	7.398	47868702	224.5E6	99.177	183.294 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012219\
 Data File : PR035272.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jan 2019 12:45
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

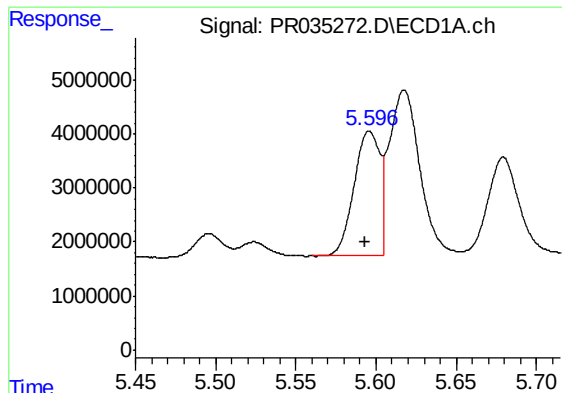
Instrument :
 ECD_R
 ClientSampleId :
 AR1660347

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 00:14:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR010419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jan 05 01:47:32 2019
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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	8.962	7.599	1395927	3477053	3.181	3.255
44) L9	AR-1268-4	9.382	7.889	33899827	75387631	193.477	175.515
45) L9	AR-1268-5	9.783	8.160	8373509	18557552	6.188	5.532

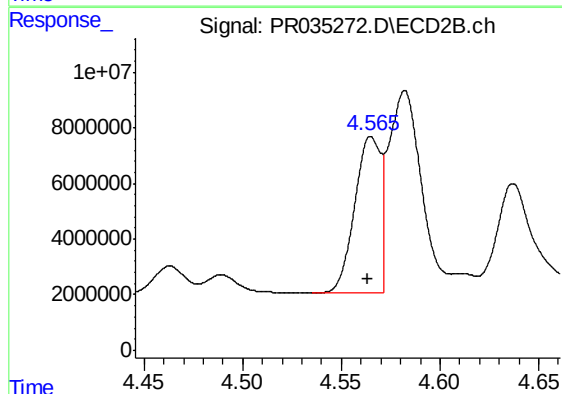
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

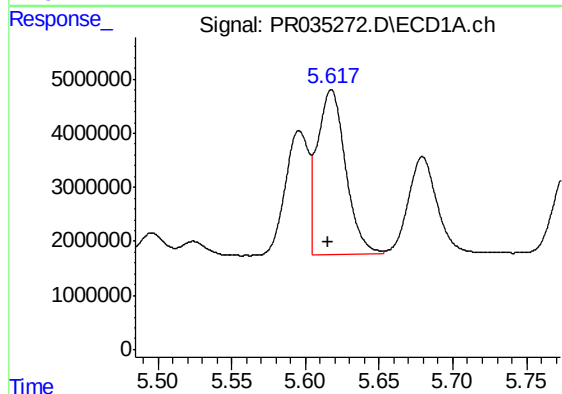
R.T.: 5.596 min
Delta R.T.: 0.003 min
Response: 25419801
Conc: 304.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660347



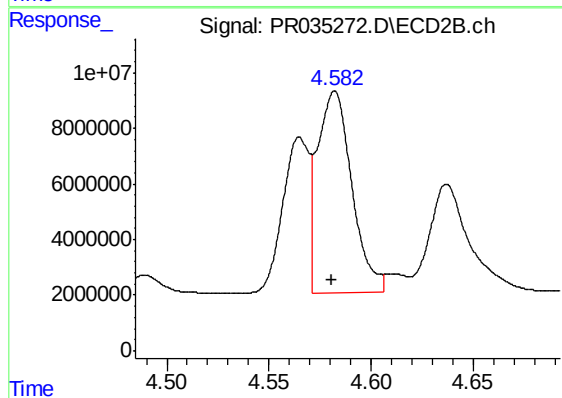
#3 AR-1016-1

R.T.: 4.565 min
Delta R.T.: 0.002 min
Response: 50628087
Conc: 307.13 ng/ml



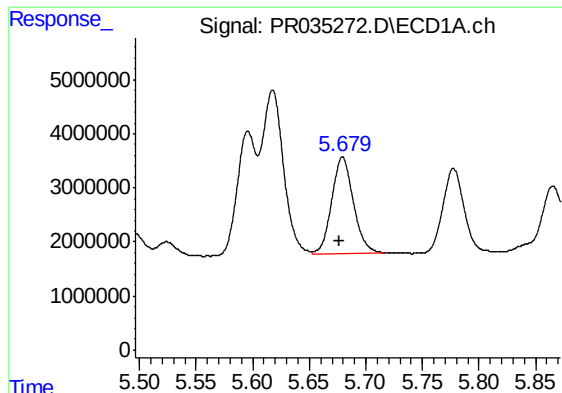
#4 AR-1016-2

R.T.: 5.618 min
Delta R.T.: 0.002 min
Response: 40366333
Conc: 322.94 ng/ml



#4 AR-1016-2

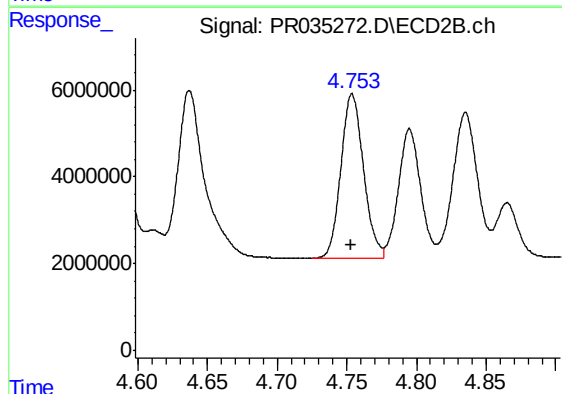
R.T.: 4.582 min
Delta R.T.: 0.001 min
Response: 84377244
Conc: 327.62 ng/ml



#5 AR-1016-3

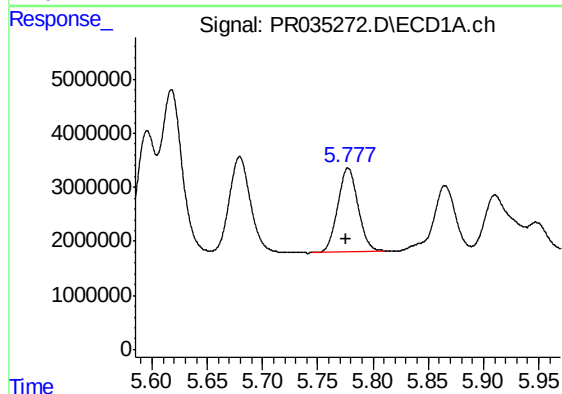
R.T.: 5.679 min
Delta R.T.: 0.003 min
Response: 23665438
Conc: 310.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660347



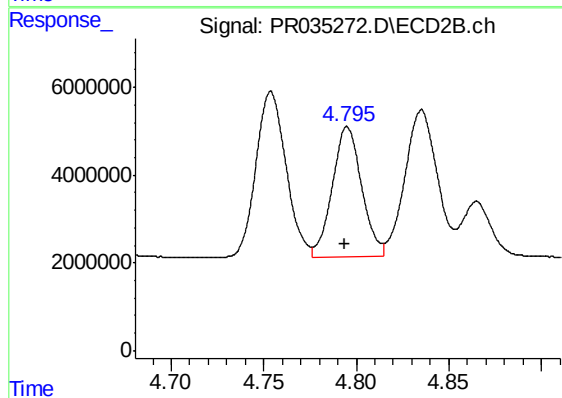
#5 AR-1016-3

R.T.: 4.754 min
Delta R.T.: 0.000 min
Response: 42680554
Conc: 322.18 ng/ml



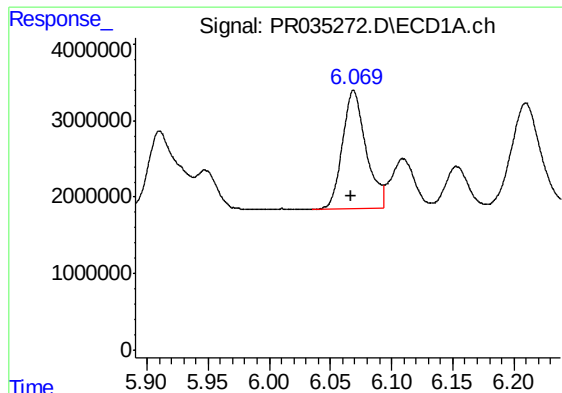
#6 AR-1016-4

R.T.: 5.777 min
Delta R.T.: 0.002 min
Response: 19696024
Conc: 308.70 ng/ml



#6 AR-1016-4

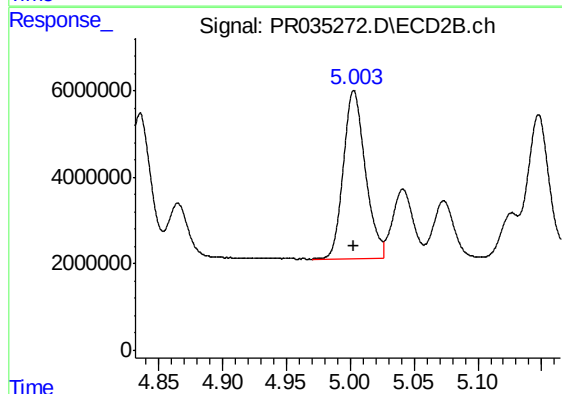
R.T.: 4.795 min
Delta R.T.: 0.001 min
Response: 32709480
Conc: 317.53 ng/ml



#7 AR-1016-5

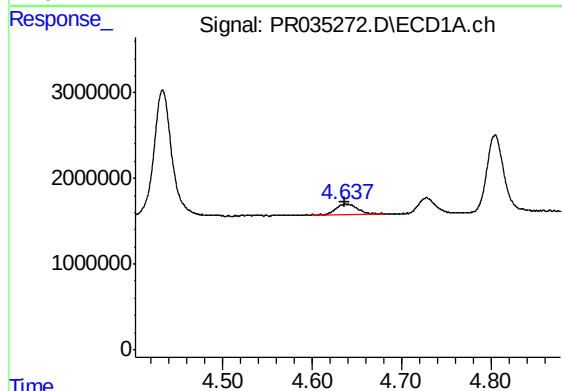
R.T.: 6.069 min
Delta R.T.: 0.002 min
Response: 20538551
Conc: 308.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660347



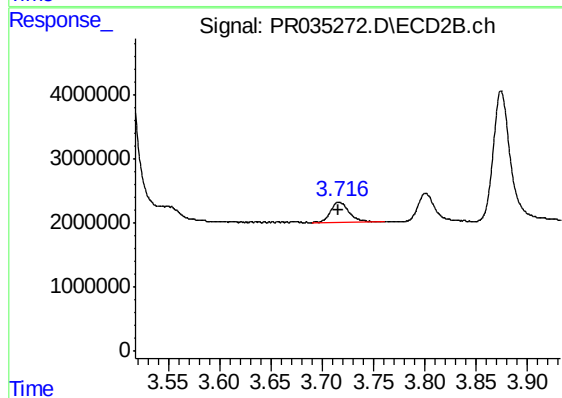
#7 AR-1016-5

R.T.: 5.003 min
Delta R.T.: 0.000 min
Response: 46605442
Conc: 312.86 ng/ml



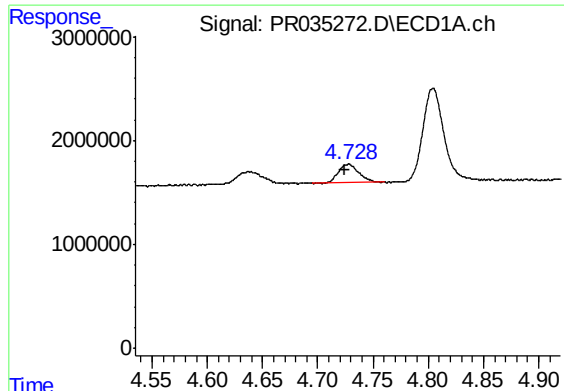
#8 AR-1221-1

R.T.: 4.638 min
Delta R.T.: 0.000 min
Response: 1836910
Conc: 121.48 ng/ml



#8 AR-1221-1

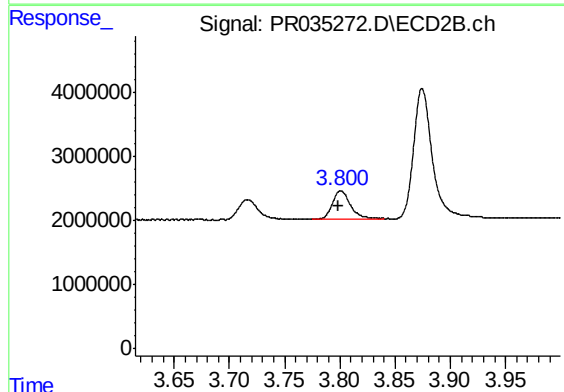
R.T.: 3.717 min
Delta R.T.: 0.001 min
Response: 3881422
Conc: 122.82 ng/ml



#9 AR-1221-2

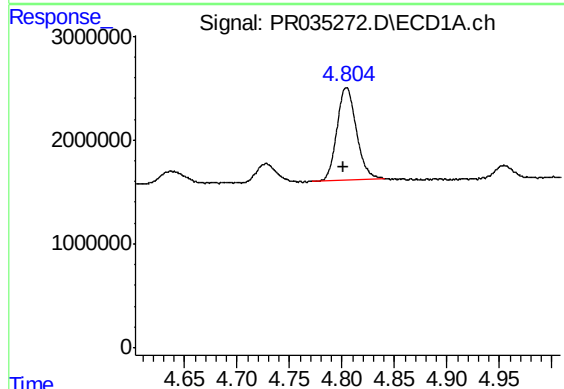
R.T.: 4.728 min
Delta R.T.: 0.004 min
Response: 2220869
Conc: 209.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660347



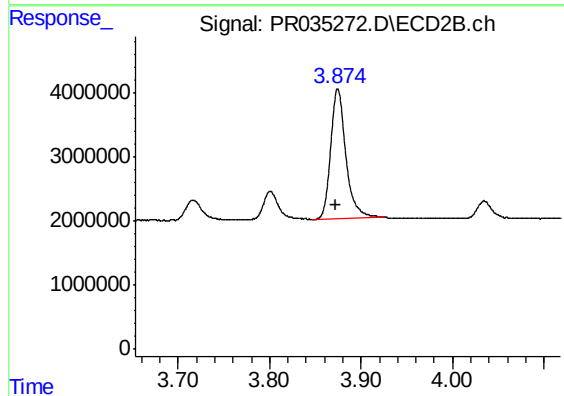
#9 AR-1221-2

R.T.: 3.801 min
Delta R.T.: 0.002 min
Response: 4967049
Conc: 219.63 ng/ml



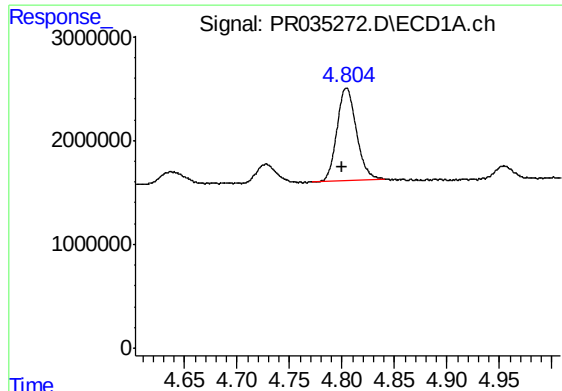
#10 AR-1221-3

R.T.: 4.804 min
Delta R.T.: 0.003 min
Response: 11375335
Conc: 294.44 ng/ml



#10 AR-1221-3

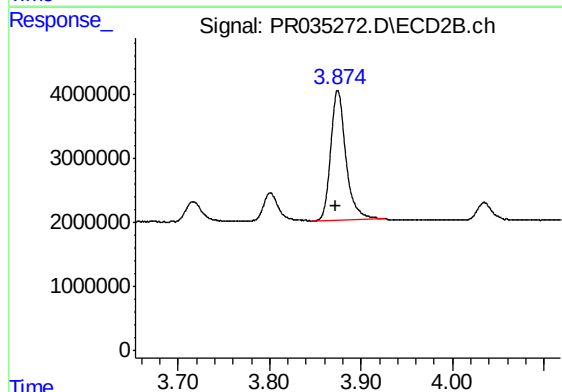
R.T.: 3.875 min
Delta R.T.: 0.002 min
Response: 23316023
Conc: 290.14 ng/ml



#11 AR-1232-1

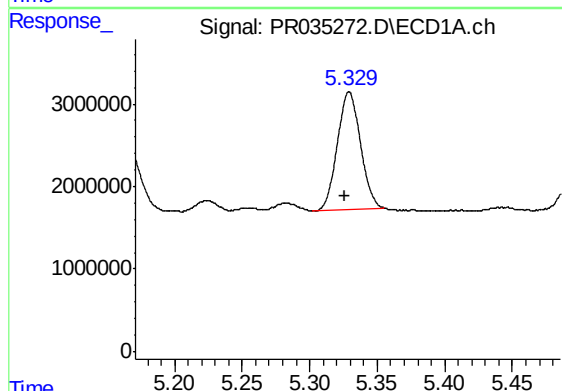
R.T.: 4.804 min
Delta R.T.: 0.004 min
Response: 11375335
Conc: 378.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660347



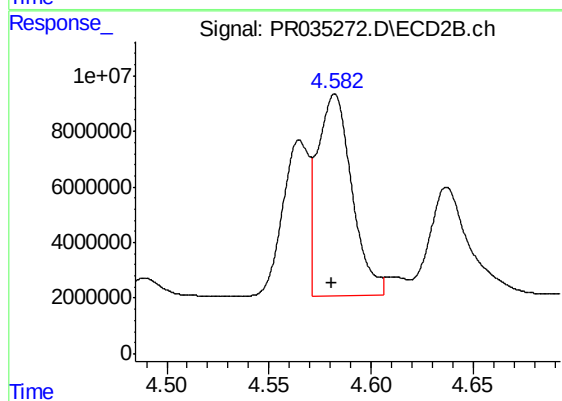
#11 AR-1232-1

R.T.: 3.875 min
Delta R.T.: 0.002 min
Response: 23316023
Conc: 377.91 ng/ml



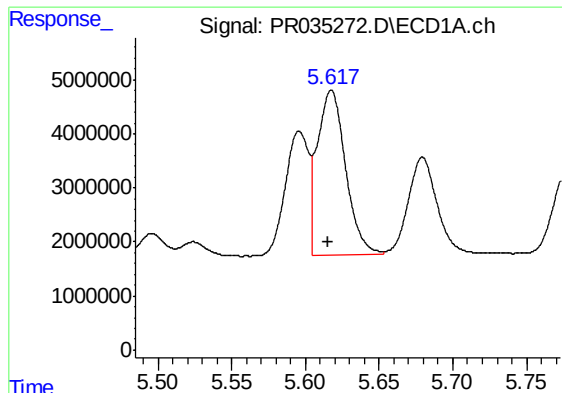
#12 AR-1232-2

R.T.: 5.329 min
Delta R.T.: 0.003 min
Response: 16946631
Conc: 1021.67 ng/ml



#12 AR-1232-2

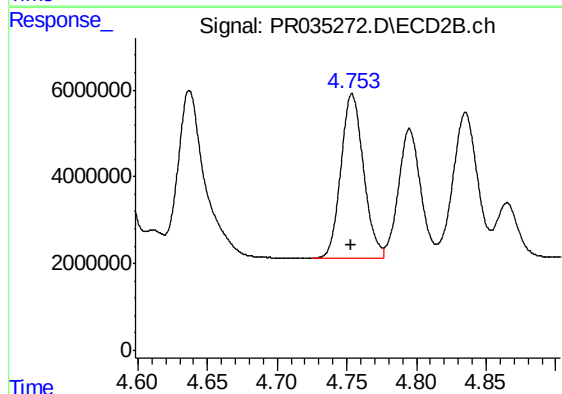
R.T.: 4.582 min
Delta R.T.: 0.001 min
Response: 84377244
Conc: 1037.61 ng/ml



#13 AR-1232-3

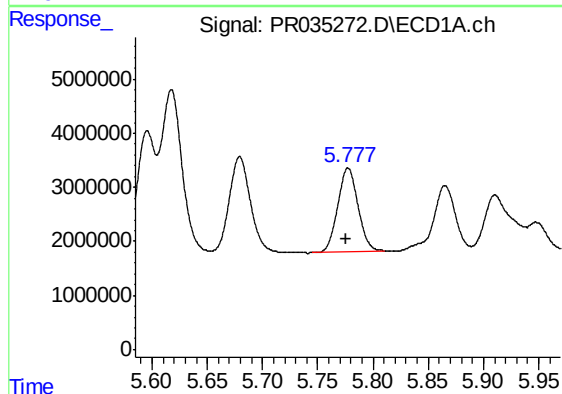
R.T.: 5.618 min
Delta R.T.: 0.003 min
Response: 40366333
Conc: 1047.56 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660347



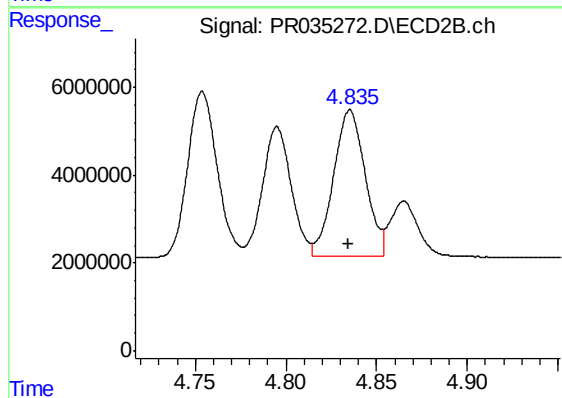
#13 AR-1232-3

R.T.: 4.754 min
Delta R.T.: 0.001 min
Response: 42680554
Conc: 1030.83 ng/ml



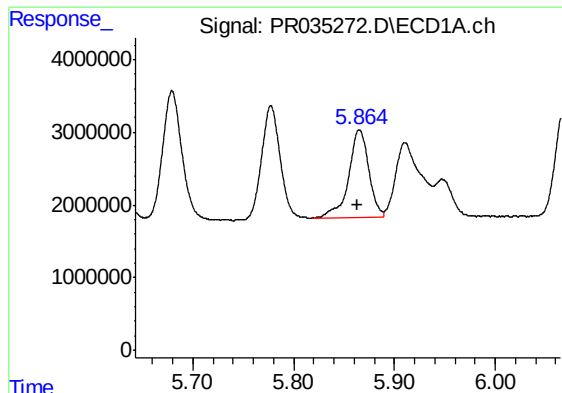
#14 AR-1232-4

R.T.: 5.777 min
Delta R.T.: 0.002 min
Response: 19696024
Conc: 1032.59 ng/ml



#14 AR-1232-4

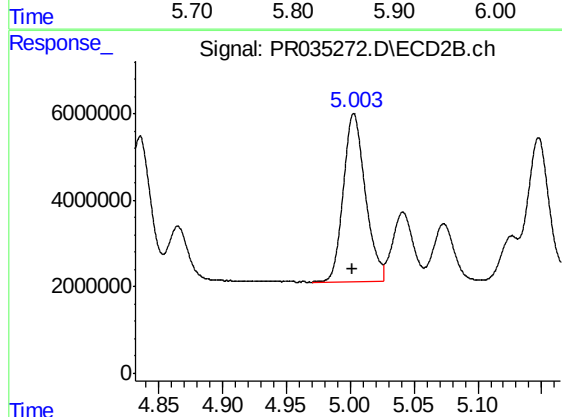
R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 40557566
Conc: 1066.71 ng/ml



#15 AR-1232-5

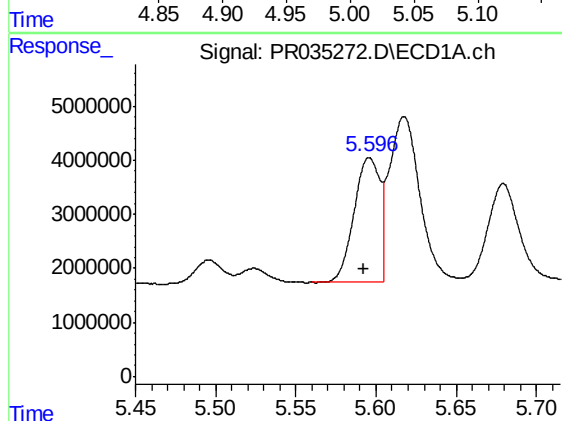
R.T.: 5.865 min
Delta R.T.: 0.002 min
Response: 16865045
Conc: 1206.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660347



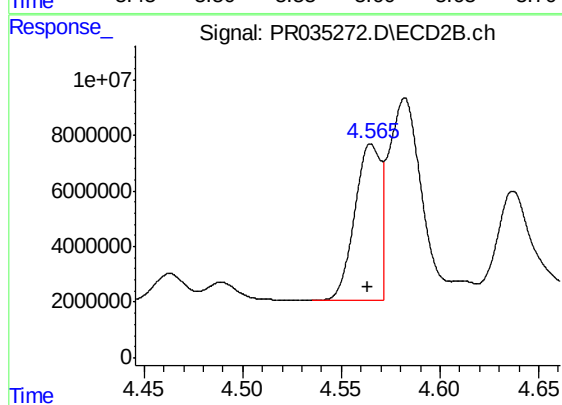
#15 AR-1232-5

R.T.: 5.003 min
Delta R.T.: 0.000 min
Response: 46605442
Conc: 1052.25 ng/ml



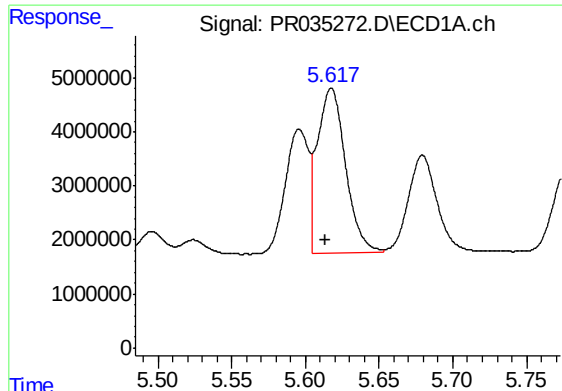
#16 AR-1242-1

R.T.: 5.596 min
Delta R.T.: 0.004 min
Response: 25419801
Conc: 496.72 ng/ml



#16 AR-1242-1

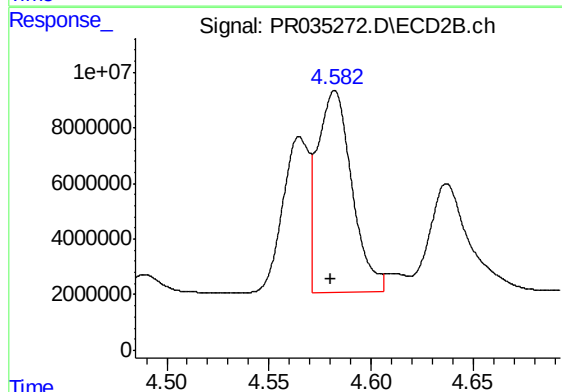
R.T.: 4.565 min
Delta R.T.: 0.002 min
Response: 50628087
Conc: 499.99 ng/ml



#17 AR-1242-2

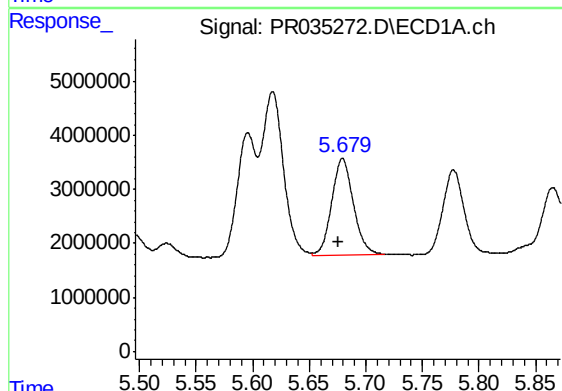
R.T.: 5.618 min
Delta R.T.: 0.004 min
Response: 40366333
Conc: 535.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660347



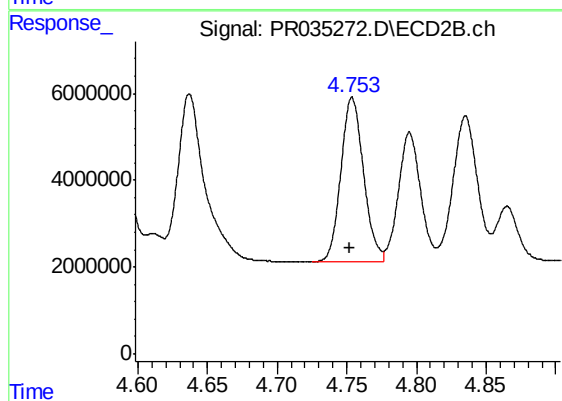
#17 AR-1242-2

R.T.: 4.582 min
Delta R.T.: 0.002 min
Response: 84377244
Conc: 539.57 ng/ml



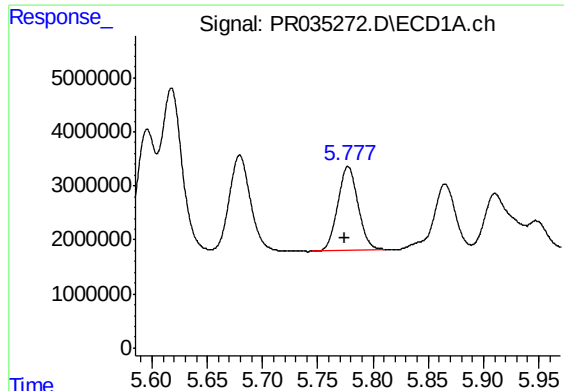
#18 AR-1242-3

R.T.: 5.679 min
Delta R.T.: 0.004 min
Response: 23665438
Conc: 516.12 ng/ml



#18 AR-1242-3

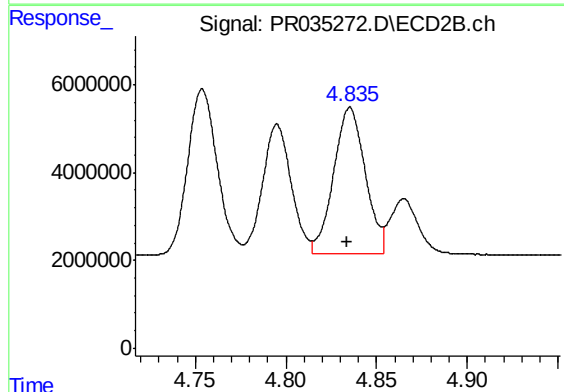
R.T.: 4.754 min
Delta R.T.: 0.001 min
Response: 42680554
Conc: 519.90 ng/ml



#19 AR-1242-4

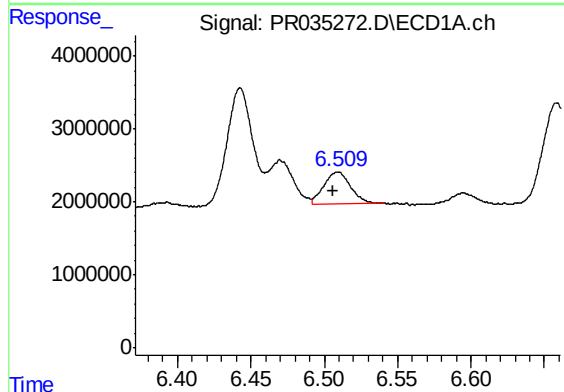
R.T.: 5.777 min
Delta R.T.: 0.003 min
Response: 19696024
Conc: 510.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660347



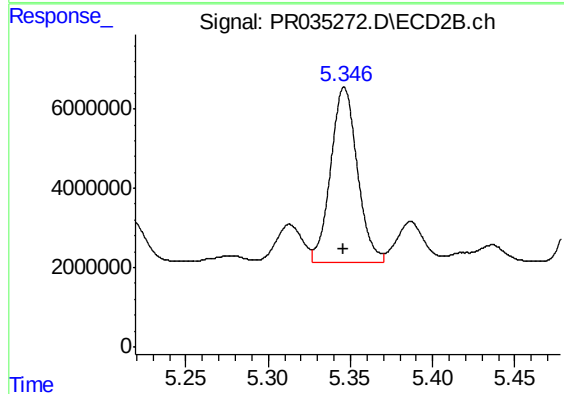
#19 AR-1242-4

R.T.: 4.835 min
Delta R.T.: 0.001 min
Response: 40557566
Conc: 494.98 ng/ml



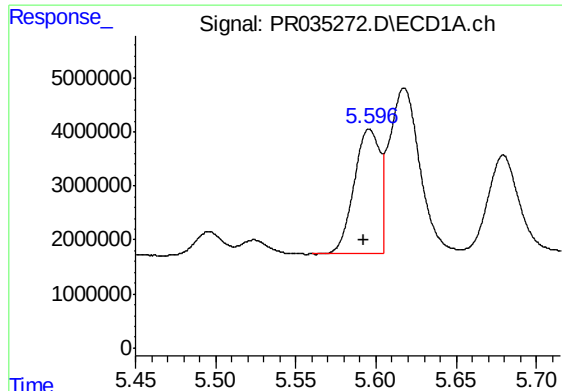
#20 AR-1242-5

R.T.: 6.509 min
Delta R.T.: 0.003 min
Response: 5680528
Conc: 118.09 ng/ml



#20 AR-1242-5

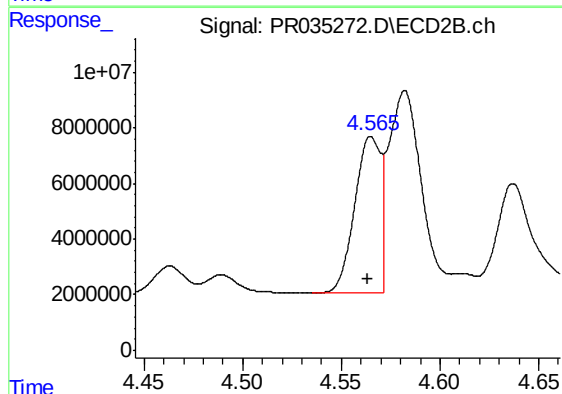
R.T.: 5.346 min
Delta R.T.: 0.000 min
Response: 49680323
Conc: 429.11 ng/ml



#21 AR-1248-1

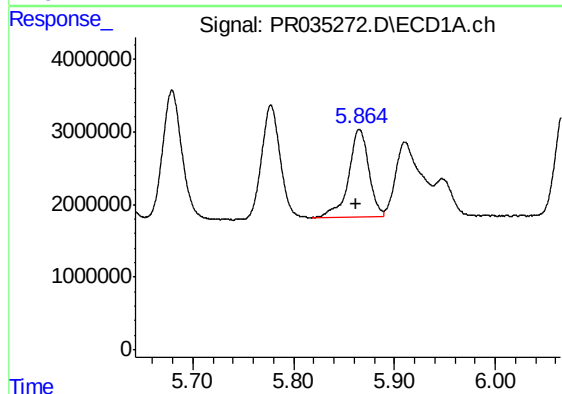
R.T.: 5.596 min
Delta R.T.: 0.003 min
Response: 25419801
Conc: 736.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660347



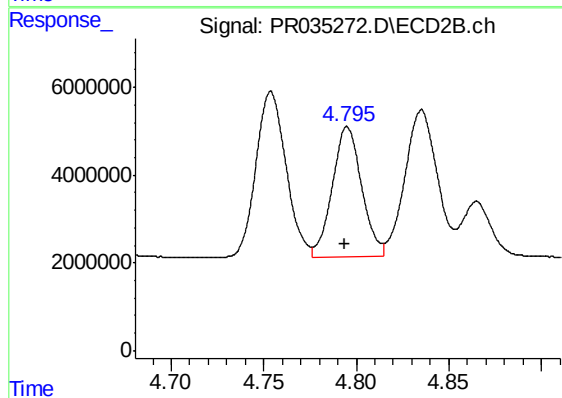
#21 AR-1248-1

R.T.: 4.565 min
Delta R.T.: 0.002 min
Response: 50628087
Conc: 720.86 ng/ml



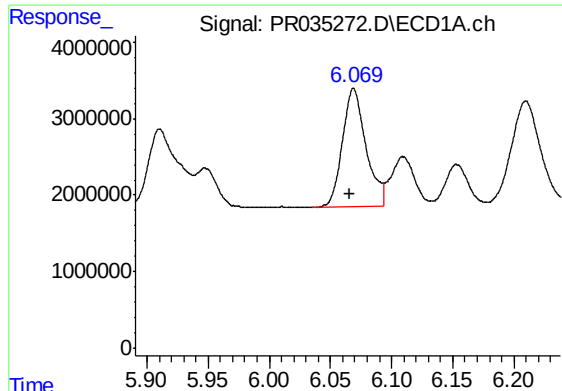
#22 AR-1248-2

R.T.: 5.865 min
Delta R.T.: 0.003 min
Response: 16865045
Conc: 328.35 ng/ml



#22 AR-1248-2

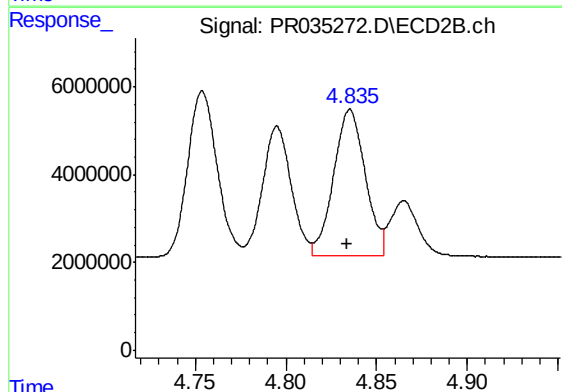
R.T.: 4.795 min
Delta R.T.: 0.002 min
Response: 32709480
Conc: 324.71 ng/ml



#23 AR-1248-3

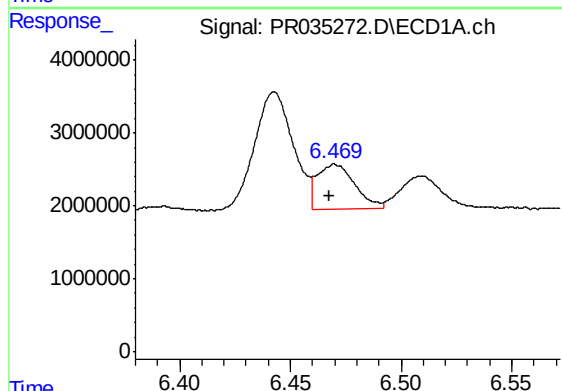
R.T.: 6.069 min
Delta R.T.: 0.003 min
Response: 20538551
Conc: 344.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660347



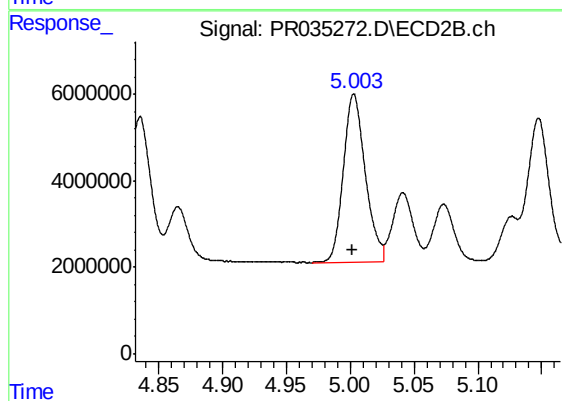
#23 AR-1248-3

R.T.: 4.835 min
Delta R.T.: 0.002 min
Response: 40557566
Conc: 387.40 ng/ml



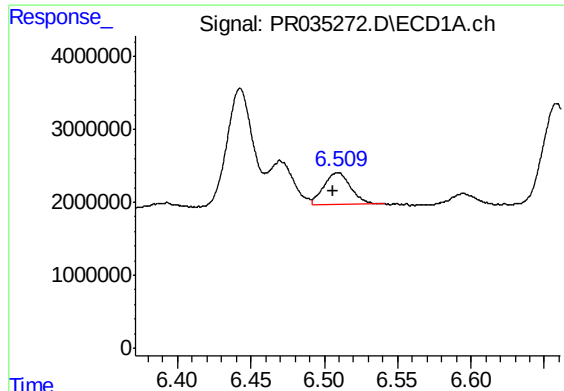
#24 AR-1248-4

R.T.: 6.470 min
Delta R.T.: 0.002 min
Response: 7299831
Conc: 97.91 ng/ml



#24 AR-1248-4

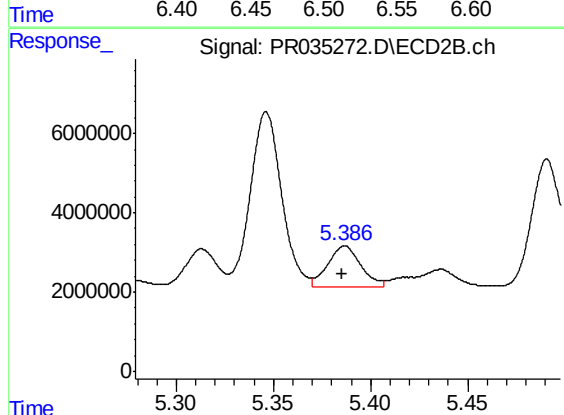
R.T.: 5.003 min
Delta R.T.: 0.001 min
Response: 46605442
Conc: 349.94 ng/ml



#25 AR-1248-5

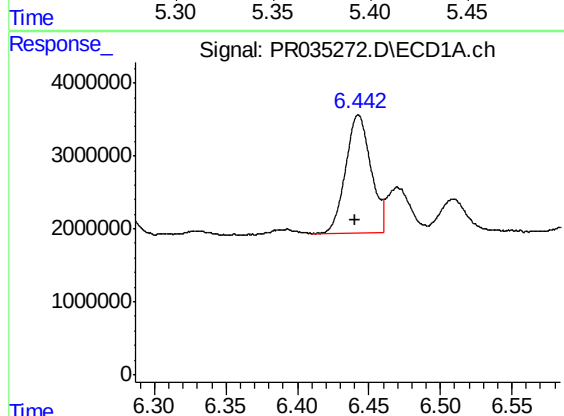
R.T.: 6.509 min
Delta R.T.: 0.003 min
Response: 5680528
Conc: 81.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660347



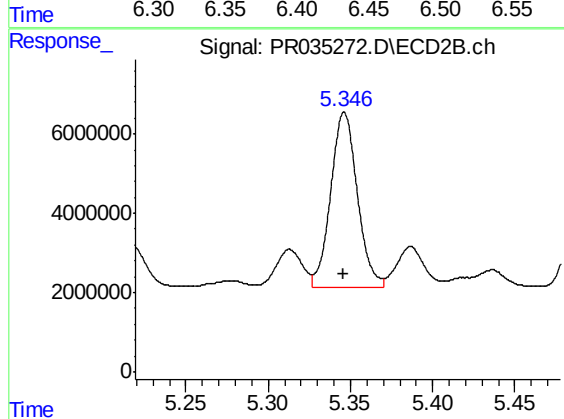
#25 AR-1248-5

R.T.: 5.387 min
Delta R.T.: 0.001 min
Response: 11954704
Conc: 84.47 ng/ml



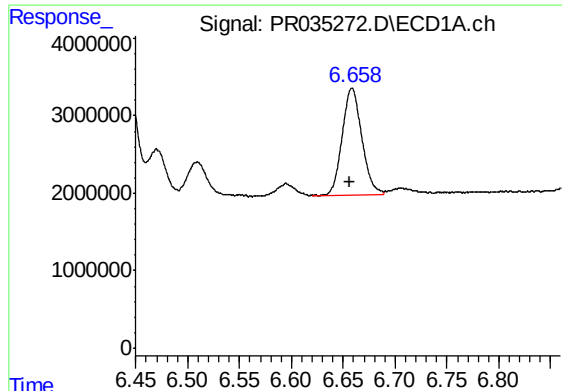
#26 AR-1254-1

R.T.: 6.443 min
Delta R.T.: 0.002 min
Response: 19820544
Conc: 217.24 ng/ml



#26 AR-1254-1

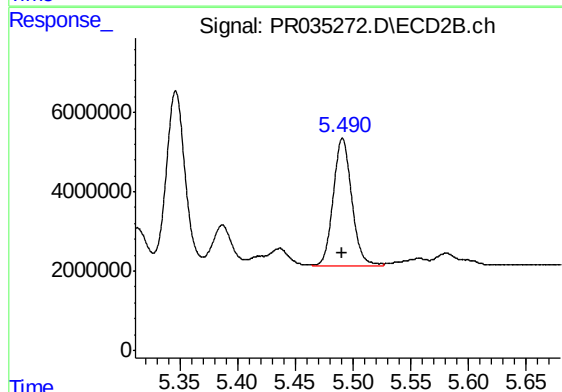
R.T.: 5.346 min
Delta R.T.: 0.000 min
Response: 49680323
Conc: 183.78 ng/ml



#27 AR-1254-2

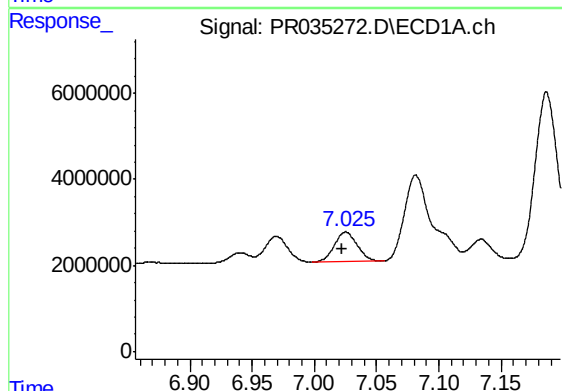
R.T.: 6.658 min
Delta R.T.: 0.002 min
Response: 18006851
Conc: 122.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660347



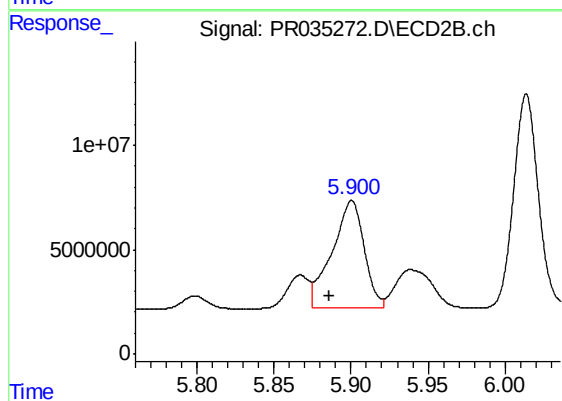
#27 AR-1254-2

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 35573411
Conc: 148.12 ng/ml



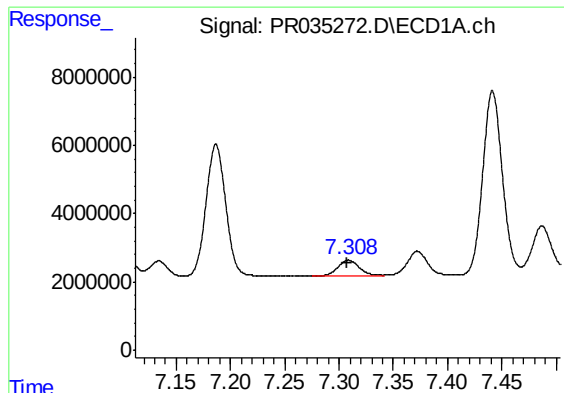
#28 AR-1254-3

R.T.: 7.025 min
Delta R.T.: 0.003 min
Response: 8882856
Conc: 53.67 ng/ml



#28 AR-1254-3

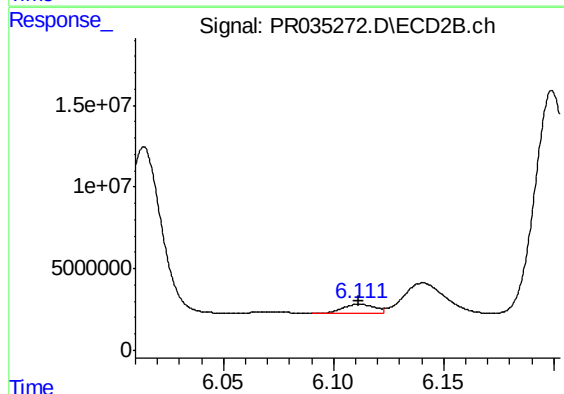
R.T.: 5.900 min
Delta R.T.: 0.014 min
Response: 75004186
Conc: 176.23 ng/ml



#29 AR-1254-4

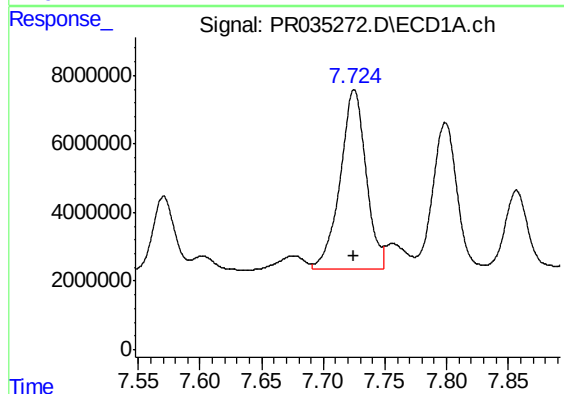
R.T.: 7.309 min
Delta R.T.: 0.001 min
Response: 6070693
Conc: 44.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660347



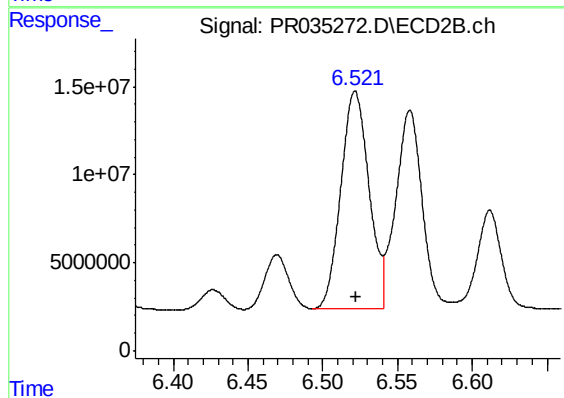
#29 AR-1254-4

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 6036693
Conc: 20.79 ng/ml



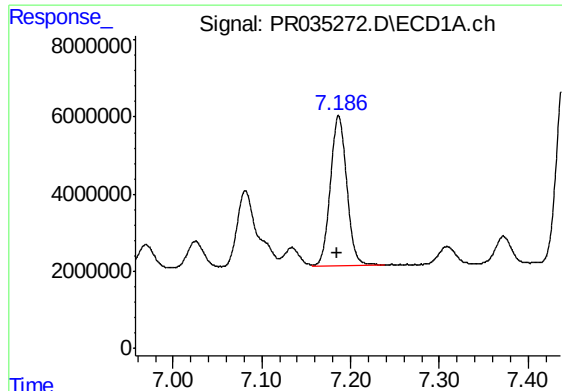
#30 AR-1254-5

R.T.: 7.725 min
Delta R.T.: 0.000 min
Response: 76115906
Conc: 534.51 ng/ml



#30 AR-1254-5

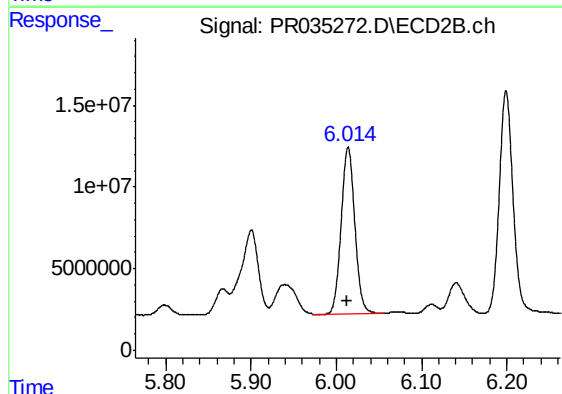
R.T.: 6.522 min
Delta R.T.: 0.000 min
Response: 162131406
Conc: 391.37 ng/ml



#31 AR-1260-1

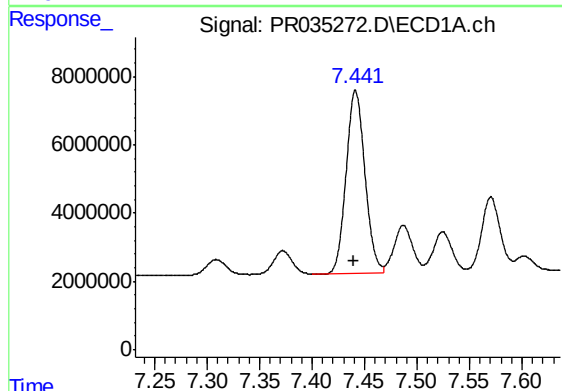
R.T.: 7.187 min
Delta R.T.: 0.002 min
Response: 49459618
Conc: 320.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660347



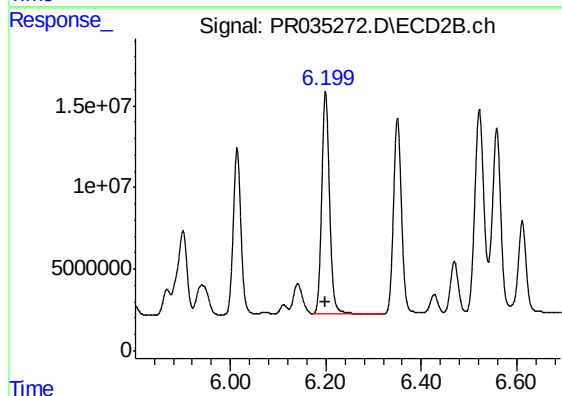
#31 AR-1260-1

R.T.: 6.014 min
Delta R.T.: 0.000 min
Response: 113796107
Conc: 317.58 ng/ml



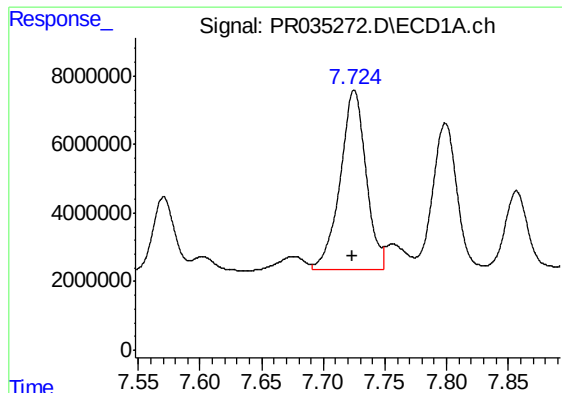
#32 AR-1260-2

R.T.: 7.441 min
Delta R.T.: 0.001 min
Response: 67031371
Conc: 320.72 ng/ml



#32 AR-1260-2

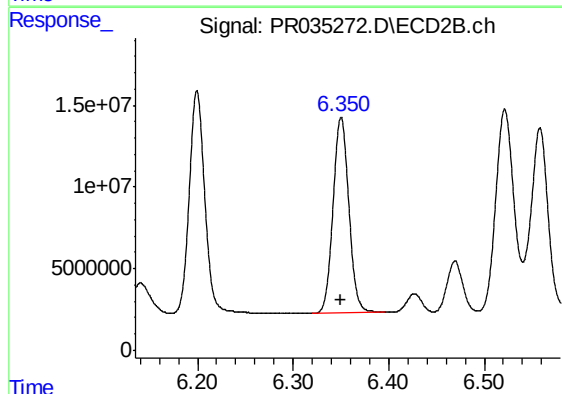
R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 154582751
Conc: 321.23 ng/ml



#33 AR-1260-3

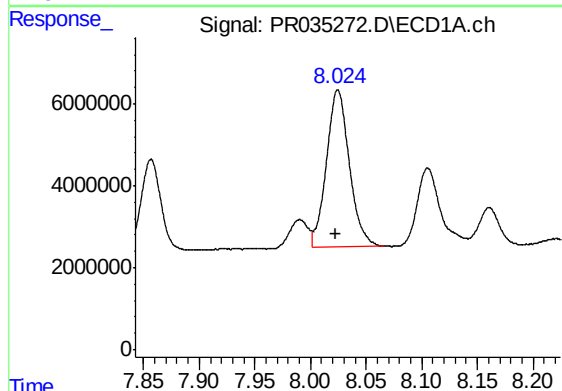
R.T.: 7.725 min
Delta R.T.: 0.002 min
Response: 76115906
Conc: 322.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660347



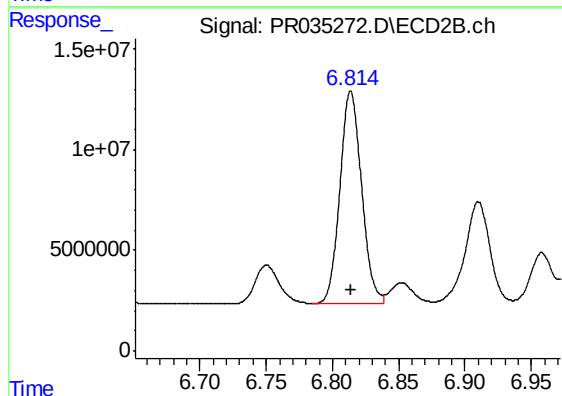
#33 AR-1260-3

R.T.: 6.350 min
Delta R.T.: 0.000 min
Response: 138051653
Conc: 320.26 ng/ml



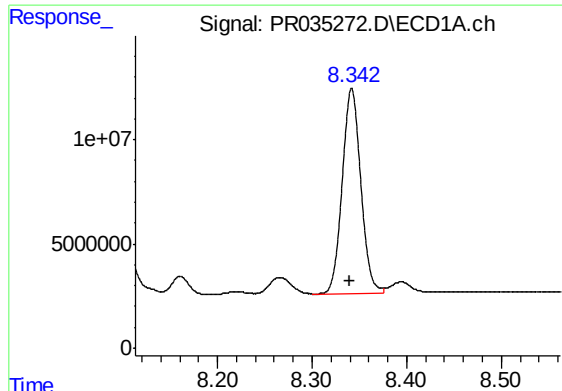
#34 AR-1260-4

R.T.: 8.025 min
Delta R.T.: 0.001 min
Response: 55221015
Conc: 330.75 ng/ml



#34 AR-1260-4

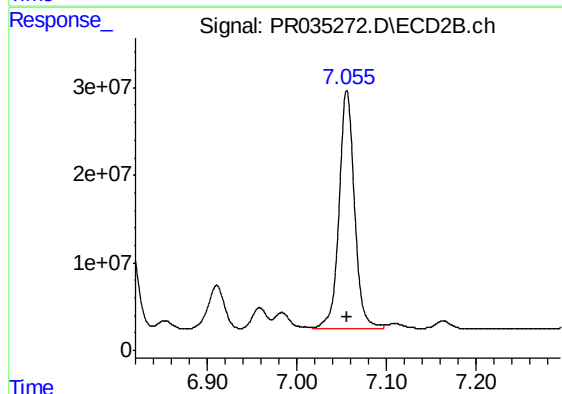
R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 119810121
Conc: 326.46 ng/ml



#35 AR-1260-5

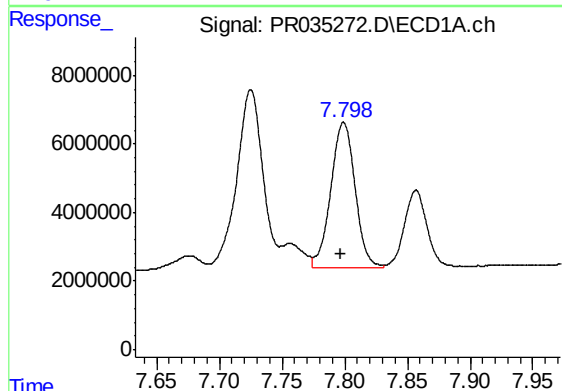
R.T.: 8.342 min
Delta R.T.: 0.002 min
Response: 133816230
Conc: 340.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660347



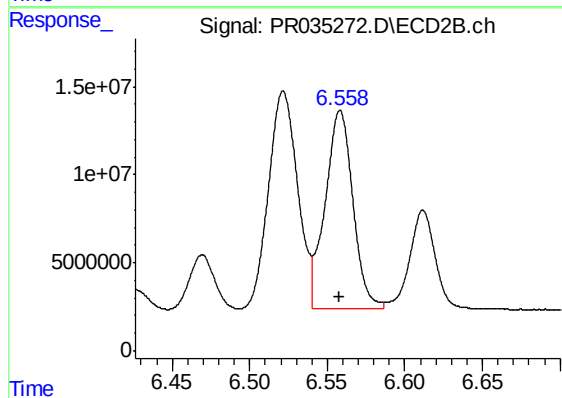
#35 AR-1260-5

R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 328116866
Conc: 320.79 ng/ml



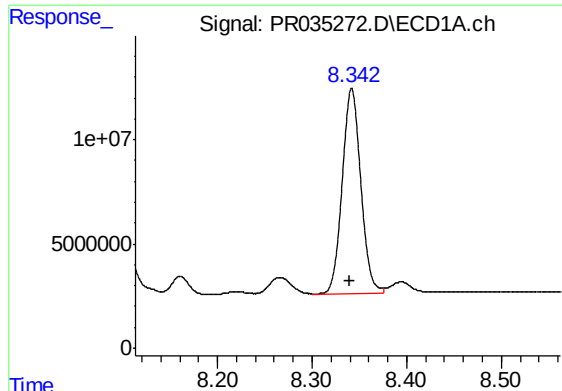
#36 AR-1262-1

R.T.: 7.799 min
Delta R.T.: 0.003 min
Response: 57235935
Conc: 368.07 ng/ml



#36 AR-1262-1

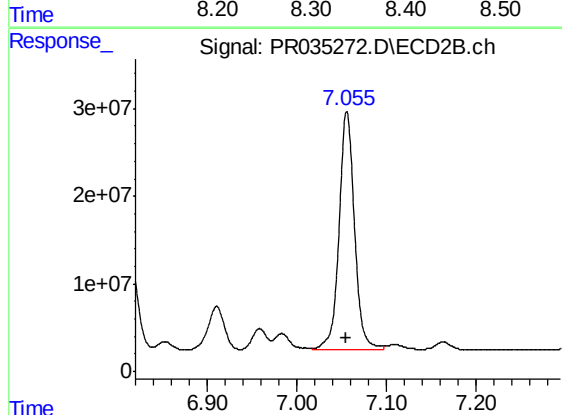
R.T.: 6.558 min
Delta R.T.: 0.000 min
Response: 140098047
Conc: 396.09 ng/ml



#37 AR-1262-2

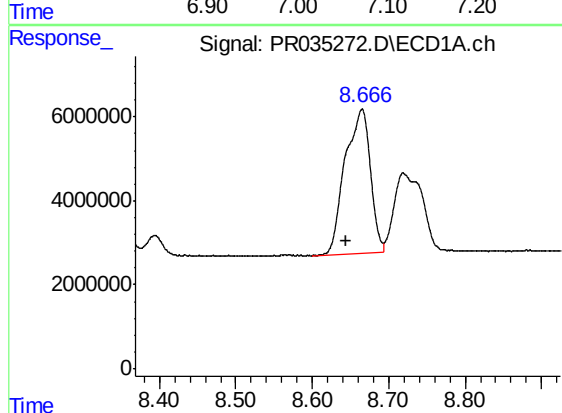
R.T.: 8.342 min
Delta R.T.: 0.003 min
Response: 133816230
Conc: 480.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660347



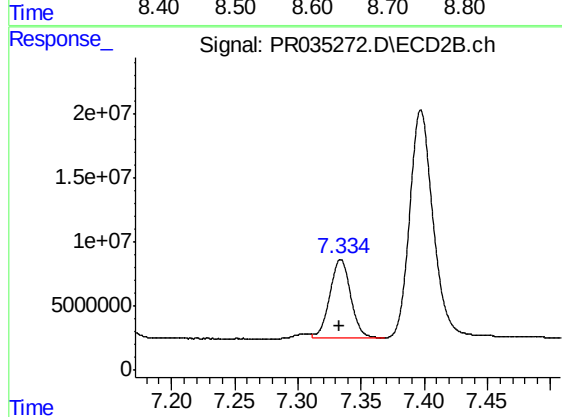
#37 AR-1262-2

R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 328116866
Conc: 474.12 ng/ml



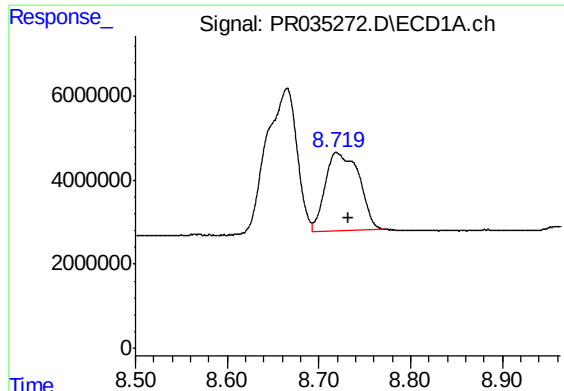
#38 AR-1262-3

R.T.: 8.665 min
Delta R.T.: 0.022 min
Response: 79277787
Conc: 424.55 ng/ml



#38 AR-1262-3

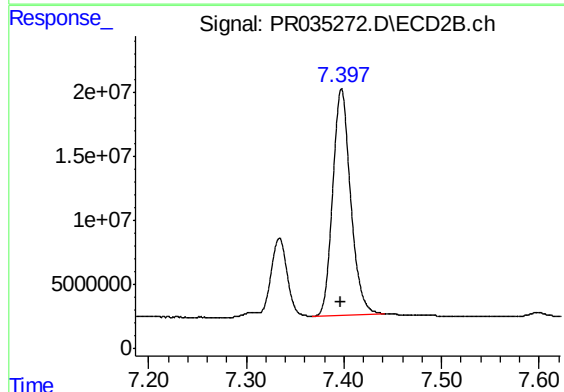
R.T.: 7.334 min
Delta R.T.: 0.000 min
Response: 70575194
Conc: 245.31 ng/ml



#39 AR-1262-4

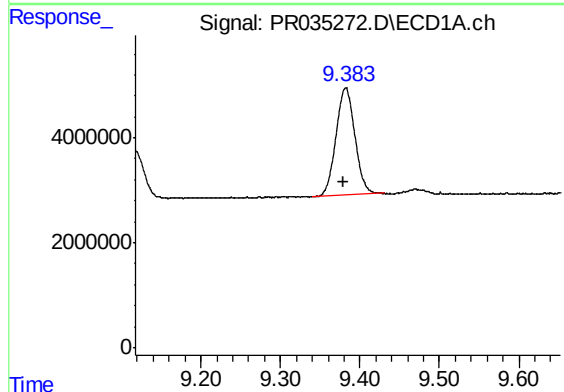
R.T.: 8.719 min
Delta R.T.: -0.014 min
Response: 47868702
Conc: 342.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660347



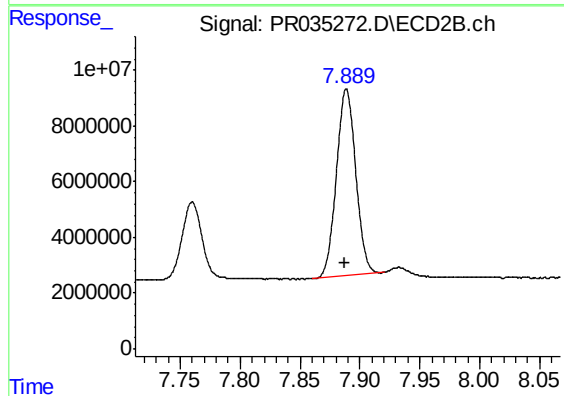
#39 AR-1262-4

R.T.: 7.398 min
Delta R.T.: 0.000 min
Response: 224492174
Conc: 442.95 ng/ml



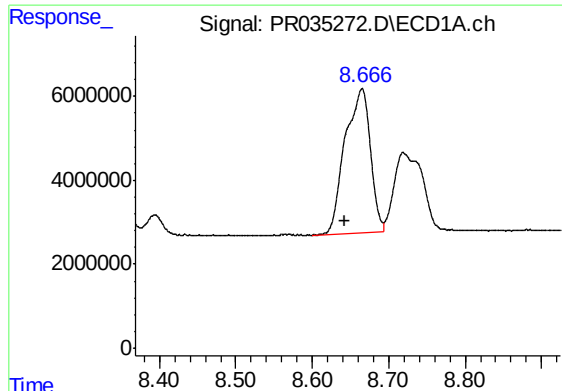
#40 AR-1262-5

R.T.: 9.382 min
Delta R.T.: 0.004 min
Response: 33899827
Conc: 332.20 ng/ml



#40 AR-1262-5

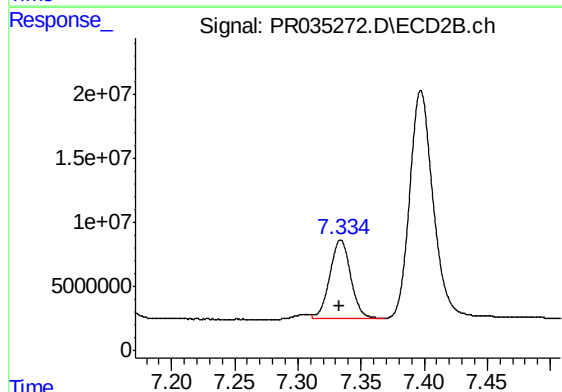
R.T.: 7.889 min
Delta R.T.: 0.001 min
Response: 75387631
Conc: 300.75 ng/ml



#41 AR-1268-1

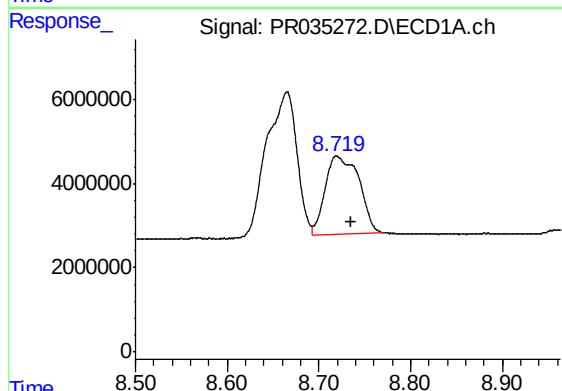
R.T.: 8.665 min
Delta R.T.: 0.023 min
Response: 79277787
Conc: 140.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660347



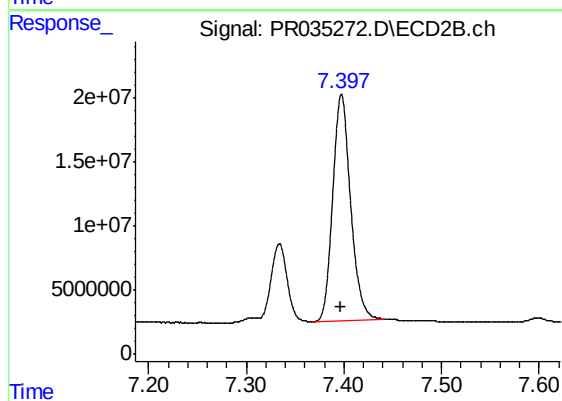
#41 AR-1268-1

R.T.: 7.334 min
Delta R.T.: 0.001 min
Response: 70575194
Conc: 51.49 ng/ml



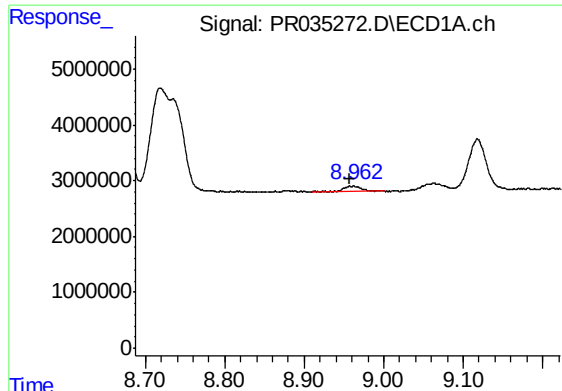
#42 AR-1268-2

R.T.: 8.719 min
Delta R.T.: -0.016 min
Response: 47868702
Conc: 99.18 ng/ml



#42 AR-1268-2

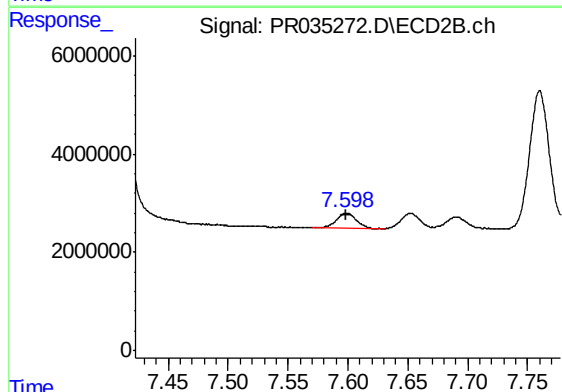
R.T.: 7.398 min
Delta R.T.: 0.000 min
Response: 224492174
Conc: 183.29 ng/ml



#43 AR-1268-3

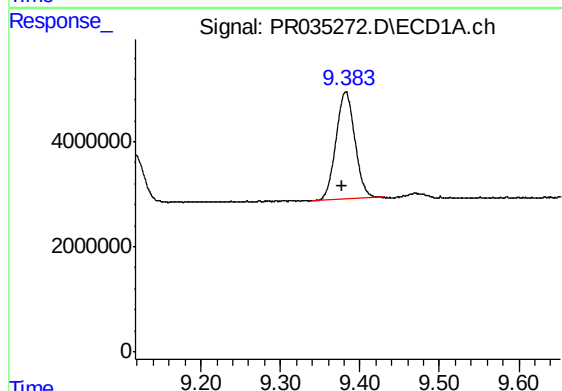
R.T.: 8.962 min
Delta R.T.: 0.005 min
Response: 1395927
Conc: 3.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660347



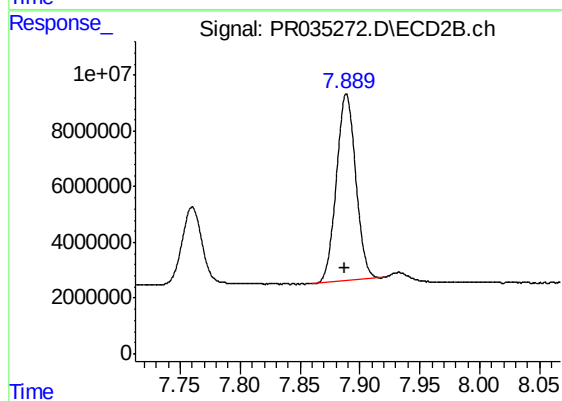
#43 AR-1268-3

R.T.: 7.599 min
Delta R.T.: 0.001 min
Response: 3477053
Conc: 3.26 ng/ml



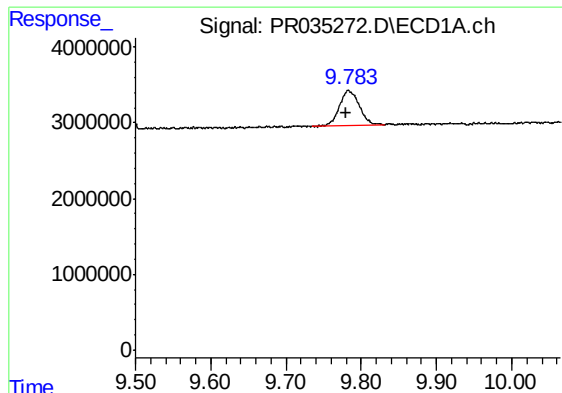
#44 AR-1268-4

R.T.: 9.382 min
Delta R.T.: 0.004 min
Response: 33899827
Conc: 193.48 ng/ml



#44 AR-1268-4

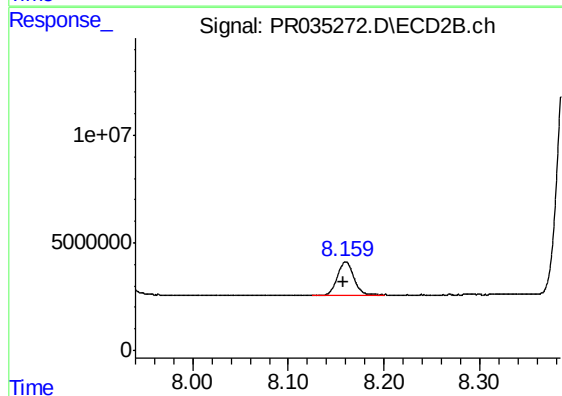
R.T.: 7.889 min
Delta R.T.: 0.002 min
Response: 75387631
Conc: 175.52 ng/ml



#45 AR-1268-5

R.T.: 9.783 min
Delta R.T.: 0.003 min
Response: 8373509
Conc: 6.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660347



#45 AR-1268-5

R.T.: 8.160 min
Delta R.T.: 0.002 min
Response: 18557552
Conc: 5.53 ng/ml