

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012519\
 Data File : PQ036718.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jan 2019 21:19
 Operator : SM\SJ
 Sample : K1223-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 TS-O

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 24 23:57:37 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012419.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 24 06:01:26 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.350	3.706	76696805	43805489	16.663	18.283
2)	SA Decachlor...	9.957	8.648	33713314	15091364	9.247	8.022
Target Compounds							
3)	L1 AR-1016-1	5.530	4.805	1687229	3209954	12.025	42.616 #
4)	L1 AR-1016-2	5.530	4.805	1687229	3209954	7.994	28.841 #
5)	L1 AR-1016-3	5.561	4.974	1584690	1982362	12.784	35.151 #
6)	L1 AR-1016-4	0.000	5.009	0	2491376	N.D.	55.150 #
7)	L1 AR-1016-5	5.972	5.169	82183642	12300074	832.539	210.874 #
8)	L2 AR-1221-1	4.495	3.910	2038587	1608622	44.775	63.636 #
9)	L2 AR-1221-2	4.654	4.004	2467352	3141040	73.288	167.351 #
10)	L2 AR-1221-3	4.734	4.073	12729445	3815006	113.863	63.336 #
11)	L3 AR-1232-1	4.734	4.073	12729445	3815006	136.724	75.829 #
12)	L3 AR-1232-2	5.213	4.805	11489646	3209954	244.466	59.845 #
13)	L3 AR-1232-3	5.530	4.974	1687229	1982362	17.040	77.602 #
14)	L3 AR-1232-4	0.000	5.081	0	50612572	N.D.	2137.775 #
15)	L3 AR-1232-5	5.773	5.169	4572722	12300074	133.229	486.874 #
16)	L4 AR-1242-1	5.530	4.805	1687229	3209954	14.557	51.114 #
17)	L4 AR-1242-2	5.530	4.805	1687229	3209954	9.516	34.393 #
18)	L4 AR-1242-3	5.561	4.974	1584690	1982362	15.279	42.366 #
19)	L4 AR-1242-4	0.000	5.081	0	50612572	N.D.	1107.717 #
20)	L4 AR-1242-5	6.420	5.569	4706406	20584311	51.869	367.719 #
21)	L5 AR-1248-1	5.530	4.805	1687229	3209954	18.776	65.090 #
22)	L5 AR-1248-2	5.773	5.009	4572722	2491376	37.479	38.400
23)	L5 AR-1248-3	5.972	5.081	82183642	50612572	598.427	763.762 #
24)	L5 AR-1248-4	6.364	5.169	40151104	12300074	255.826	154.866 #
25)	L5 AR-1248-5	6.420	5.649	4706406	3176416	31.715	40.202 #
26)	L6 AR-1254-1	6.364	5.569	40151104	20584311	226.423	153.749 #
27)	L6 AR-1254-2	6.570	5.713	27832139	10041697	106.839	90.743
28)	L6 AR-1254-3	6.936	6.115	18406605	13124370	68.749	72.915
29)	L6 AR-1254-4	7.217	6.340	9417149	4425362	47.465	33.537 #
30)	L6 AR-1254-5	7.634	6.751	24787049	15711968	121.411	104.618
31)	L7 AR-1260-1	7.092	6.239	18162096	12012573	93.254	104.646
32)	L7 AR-1260-2	7.347	6.427	31613173	12560170	136.888	89.342 #
33)	L7 AR-1260-3	7.702	6.578	10488822	10549128	72.733	82.305
34)	L7 AR-1260-4	7.929	7.043	13749088	5650779	80.752	64.900
35)	L7 AR-1260-5	8.245	7.286	23570533	13195041	70.092	60.436
36)	L8 AR-1262-1	7.702	6.784	10488822	6994838	37.867	41.678
37)	L8 AR-1262-2	8.245	7.286	23570533	13195041	48.068	43.575
38)	L8 AR-1262-3	8.541	7.561	3984003	2440238	19.156	21.726
39)	L8 AR-1262-4	8.616	7.628	8675659	9686913	35.765	44.906 #
40)	L8 AR-1262-5	9.262	8.123	5470719	2543487	33.622	27.044
41)	L9 AR-1268-1	8.541	7.561	3984003	2440238	6.315	6.714

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 Acq On : 24 Jan 2019 21:19
 Operator : SM\SJ
 Sample : K1223-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

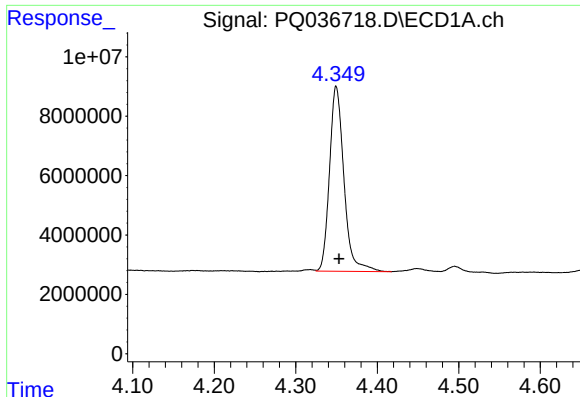
Instrument :
 ECD_Q
 ClientSampleId :
 TS-O

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 24 23:57:37 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012419.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 24 06:01:26 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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	8.616	7.628	8675659	9686913	14.742	29.236 #
44) L9	AR-1268-4	9.262	8.123	5470719	2543487	28.091	22.783
45) L9	AR-1268-5	9.648	0.000	2113129	0	1.302	N.D. #

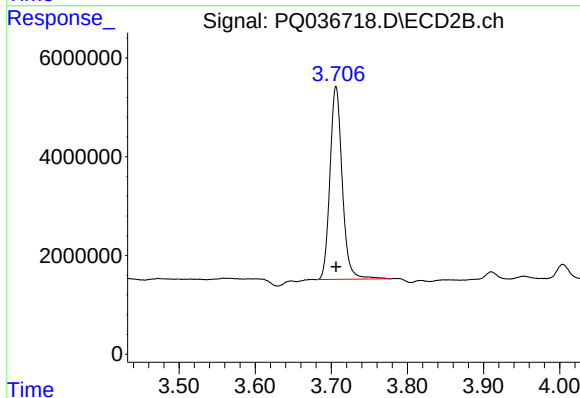
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

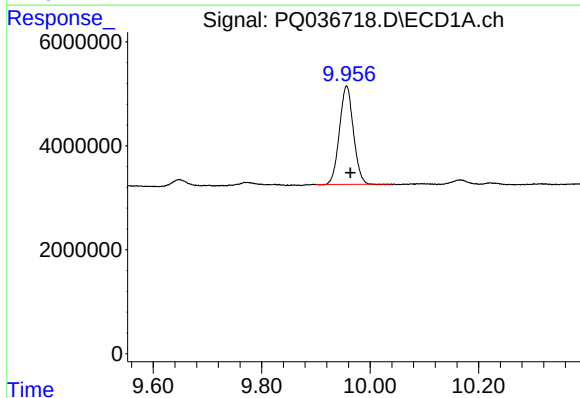
R.T.: 4.350 min
Delta R.T.: -0.003 min
Response: 76696805
Conc: 16.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-O



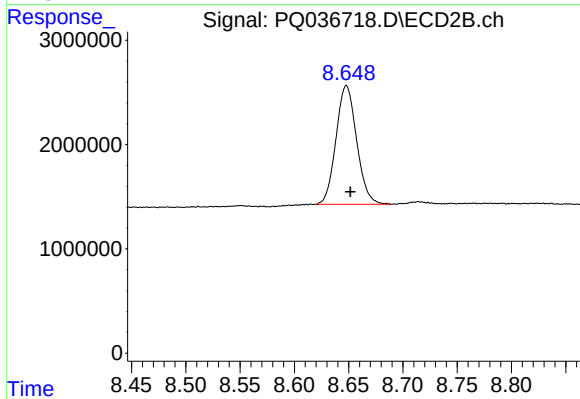
#1 Tetrachloro-m-xylene

R.T.: 3.706 min
Delta R.T.: 0.000 min
Response: 43805489
Conc: 18.28 ng/ml



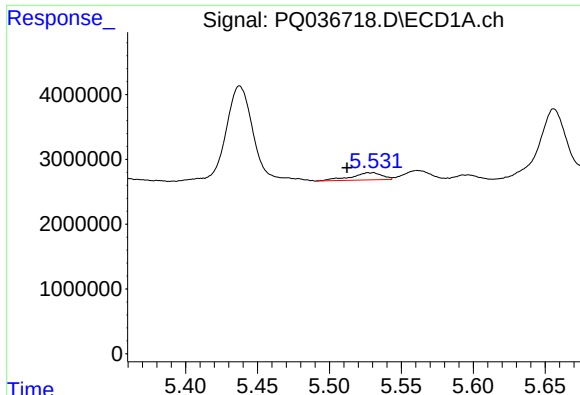
#2 Decachlorobiphenyl

R.T.: 9.957 min
Delta R.T.: -0.007 min
Response: 33713314
Conc: 9.25 ng/ml



#2 Decachlorobiphenyl

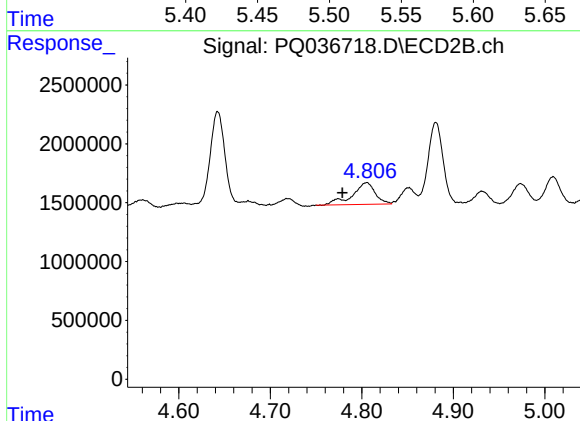
R.T.: 8.648 min
Delta R.T.: -0.004 min
Response: 15091364
Conc: 8.02 ng/ml



#3 AR-1016-1

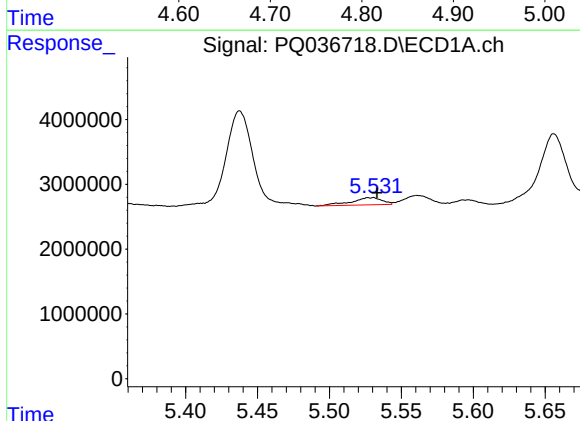
R.T.: 5.530 min
Delta R.T.: 0.018 min
Response: 1687229
Conc: 12.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-O



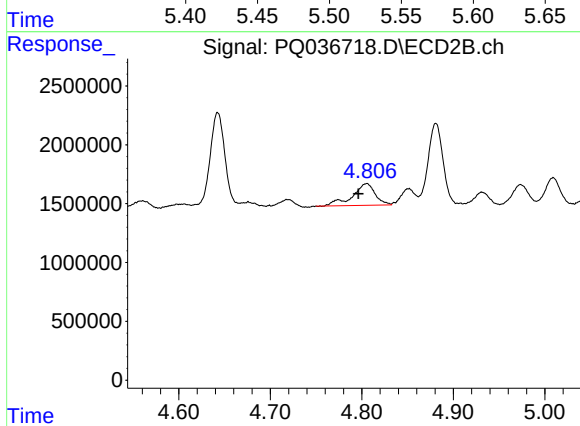
#3 AR-1016-1

R.T.: 4.805 min
Delta R.T.: 0.026 min
Response: 3209954
Conc: 42.62 ng/ml



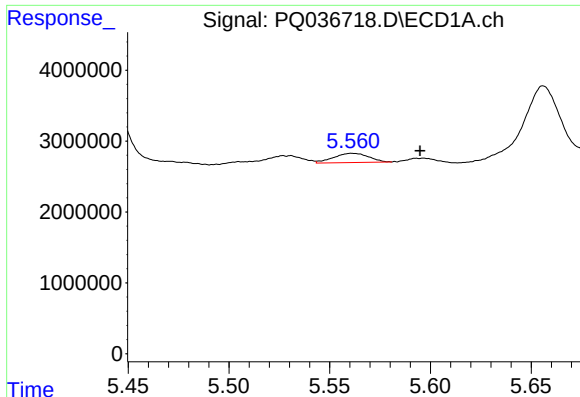
#4 AR-1016-2

R.T.: 5.530 min
Delta R.T.: -0.003 min
Response: 1687229
Conc: 7.99 ng/ml



#4 AR-1016-2

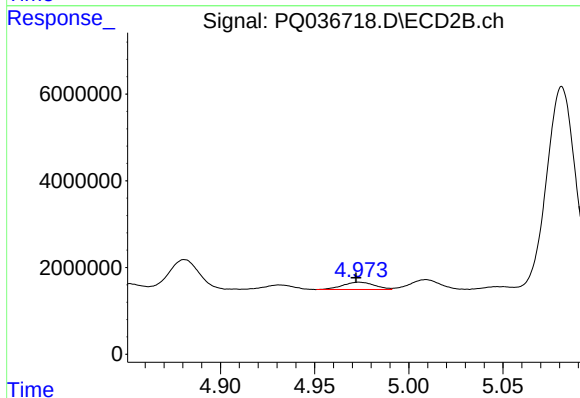
R.T.: 4.805 min
Delta R.T.: 0.009 min
Response: 3209954
Conc: 28.84 ng/ml



#5 AR-1016-3

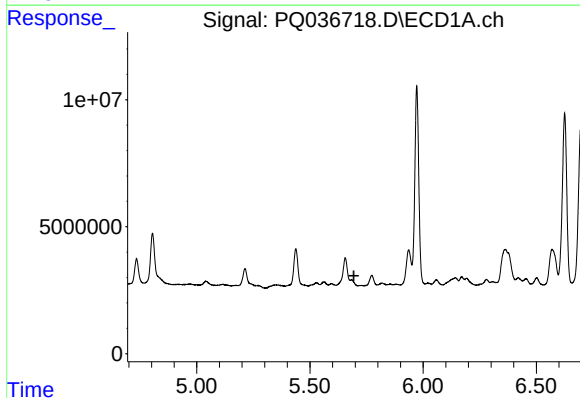
R.T.: 5.561 min
Delta R.T.: -0.034 min
Response: 1584690
Conc: 12.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-O



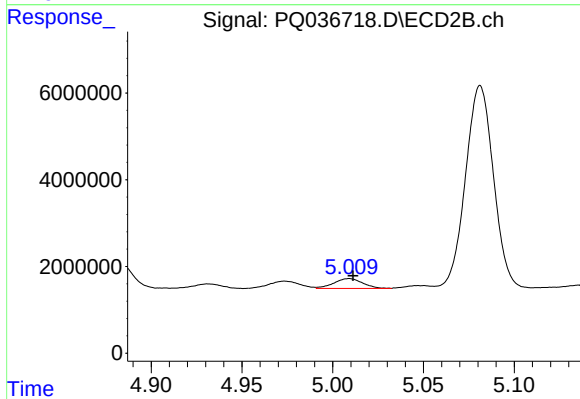
#5 AR-1016-3

R.T.: 4.974 min
Delta R.T.: 0.002 min
Response: 1982362
Conc: 35.15 ng/ml



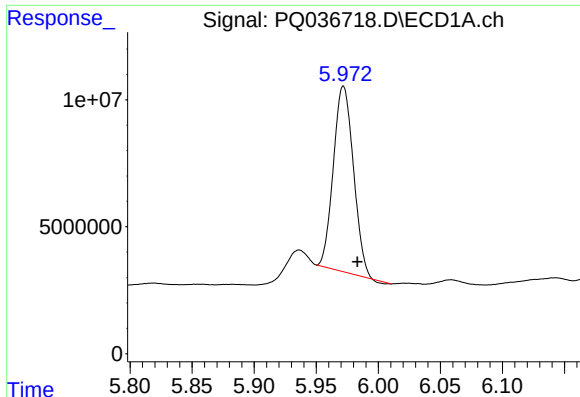
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.694 min
Response: 0
Conc: N.D.



#6 AR-1016-4

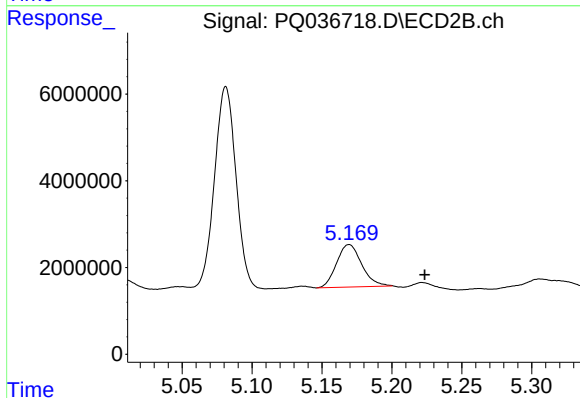
R.T.: 5.009 min
Delta R.T.: -0.002 min
Response: 2491376
Conc: 55.15 ng/ml



#7 AR-1016-5

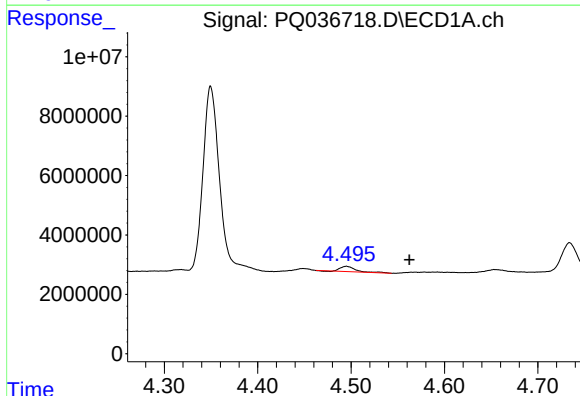
R.T.: 5.972 min
Delta R.T.: -0.011 min
Response: 82183642
Conc: 832.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-O



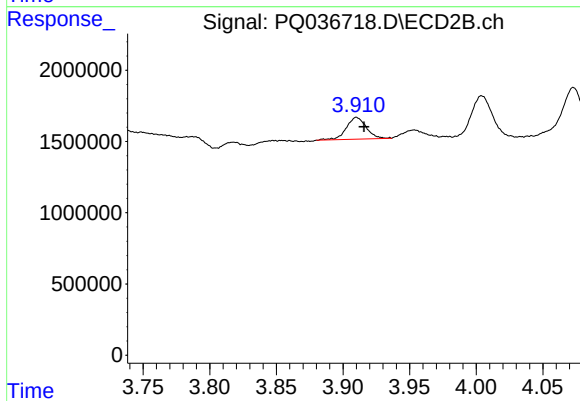
#7 AR-1016-5

R.T.: 5.169 min
Delta R.T.: -0.054 min
Response: 12300074
Conc: 210.87 ng/ml



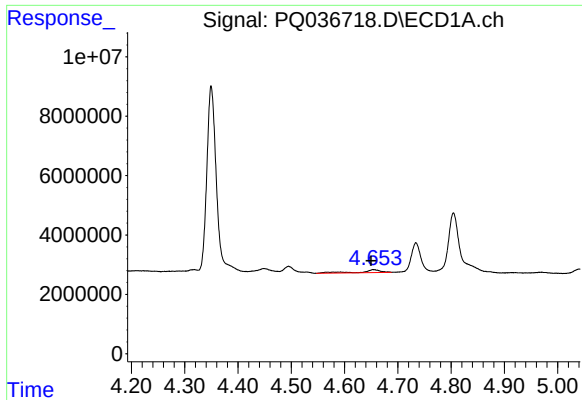
#8 AR-1221-1

R.T.: 4.495 min
Delta R.T.: -0.068 min
Response: 2038587
Conc: 44.78 ng/ml



#8 AR-1221-1

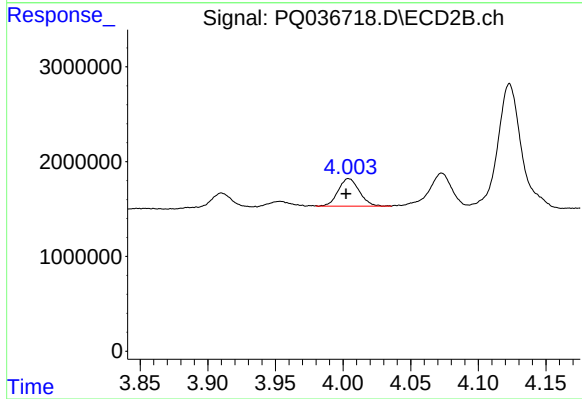
R.T.: 3.910 min
Delta R.T.: -0.005 min
Response: 1608622
Conc: 63.64 ng/ml



#9 AR-1221-2

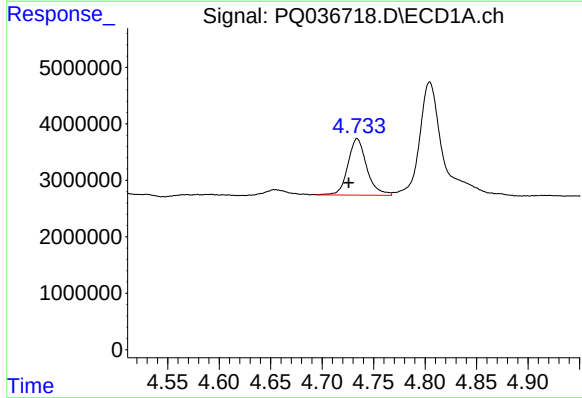
R.T.: 4.654 min
Delta R.T.: 0.004 min
Response: 2467352
Conc: 73.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-O



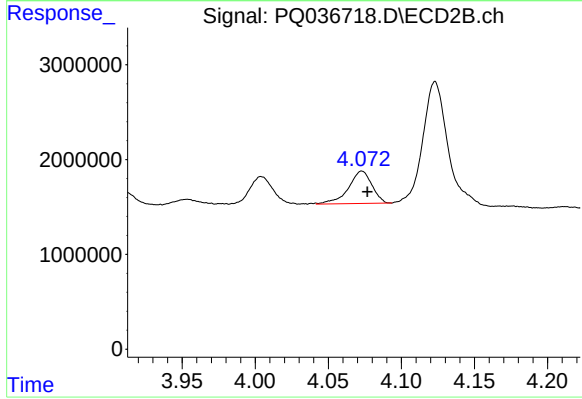
#9 AR-1221-2

R.T.: 4.004 min
Delta R.T.: 0.002 min
Response: 3141040
Conc: 167.35 ng/ml



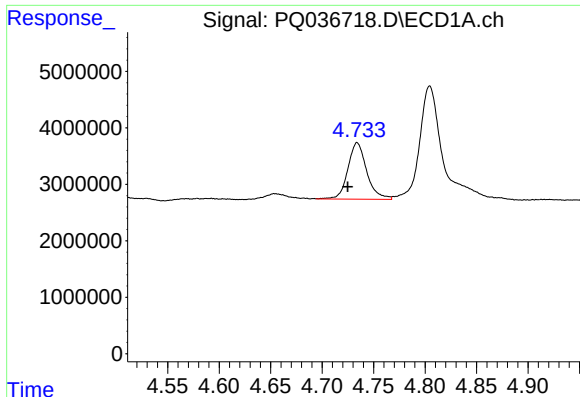
#10 AR-1221-3

R.T.: 4.734 min
Delta R.T.: 0.008 min
Response: 12729445
Conc: 113.86 ng/ml



#10 AR-1221-3

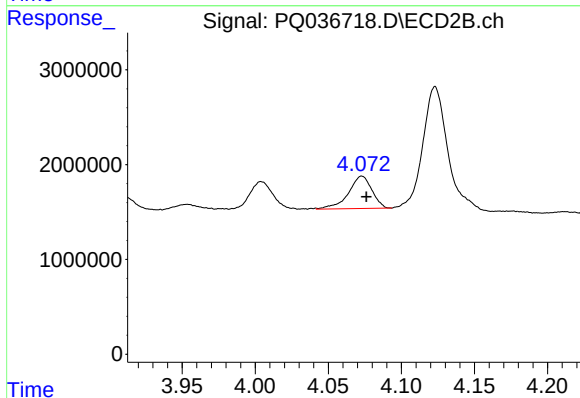
R.T.: 4.073 min
Delta R.T.: -0.004 min
Response: 3815006
Conc: 63.34 ng/ml



#11 AR-1232-1

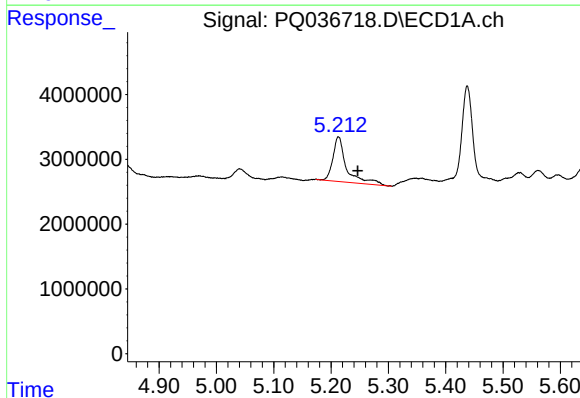
R.T.: 4.734 min
Delta R.T.: 0.009 min
Response: 12729445
Conc: 136.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-O



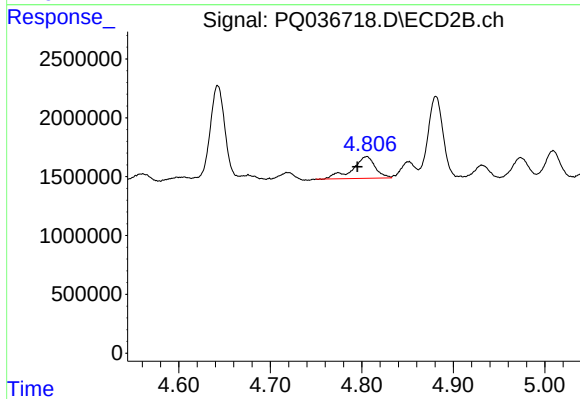
#11 AR-1232-1

R.T.: 4.073 min
Delta R.T.: -0.003 min
Response: 3815006
Conc: 75.83 ng/ml



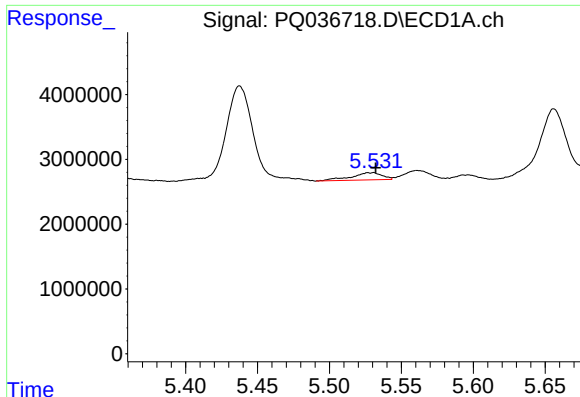
#12 AR-1232-2

R.T.: 5.213 min
Delta R.T.: -0.034 min
Response: 11489646
Conc: 244.47 ng/ml



#12 AR-1232-2

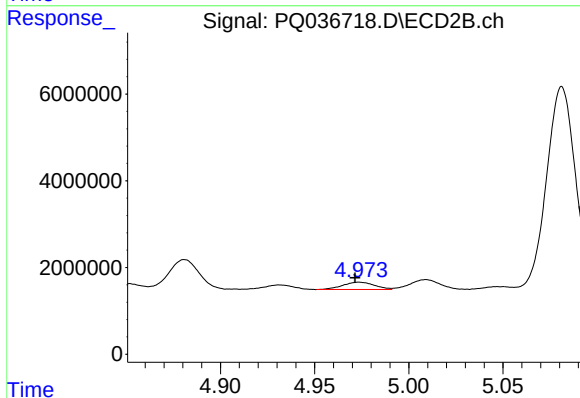
R.T.: 4.805 min
Delta R.T.: 0.010 min
Response: 3209954
Conc: 59.84 ng/ml



#13 AR-1232-3

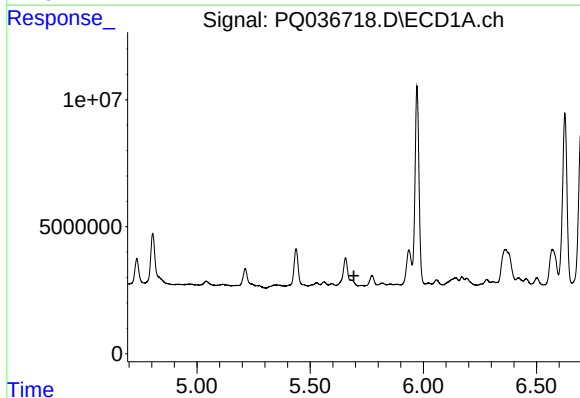
R.T.: 5.530 min
Delta R.T.: -0.002 min
Response: 1687229
Conc: 17.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-O



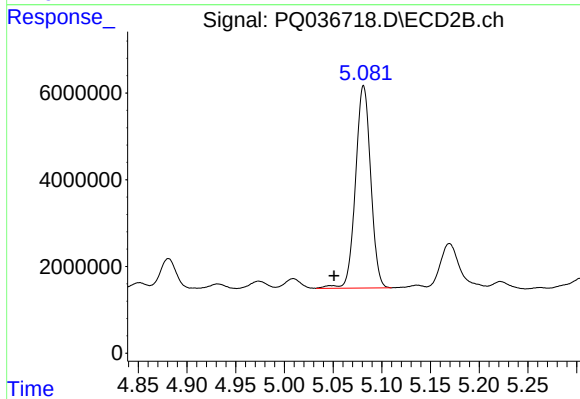
#13 AR-1232-3

R.T.: 4.974 min
Delta R.T.: 0.002 min
Response: 1982362
Conc: 77.60 ng/ml



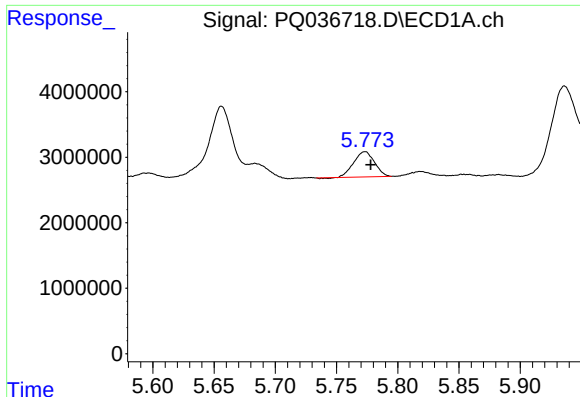
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.693 min
Response: 0
Conc: N.D.



#14 AR-1232-4

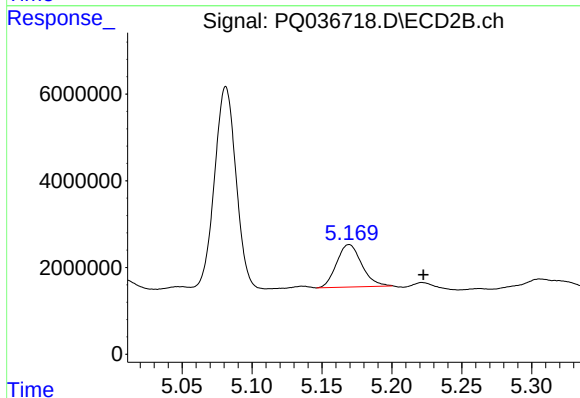
R.T.: 5.081 min
Delta R.T.: 0.030 min
Response: 50612572
Conc: 2137.77 ng/ml



#15 AR-1232-5

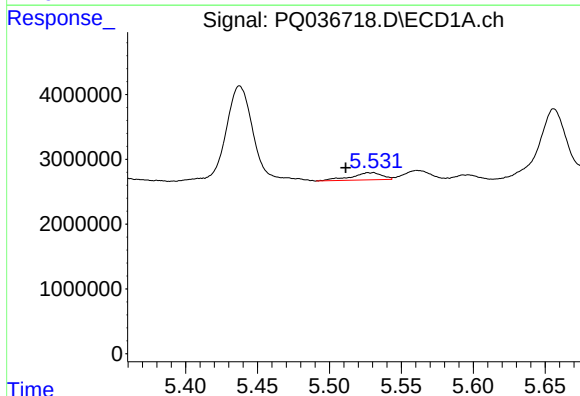
R.T.: 5.773 min
Delta R.T.: -0.005 min
Response: 4572722
Conc: 133.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-O



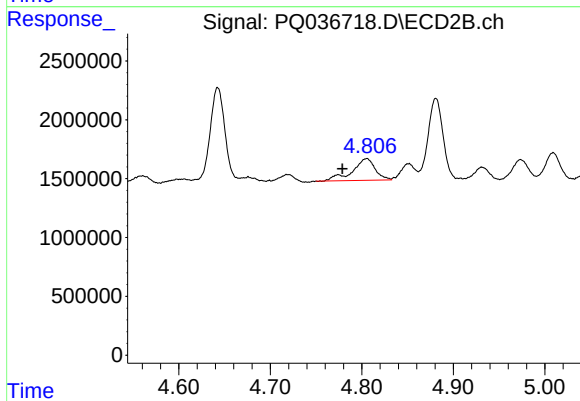
#15 AR-1232-5

R.T.: 5.169 min
Delta R.T.: -0.053 min
Response: 12300074
Conc: 486.87 ng/ml



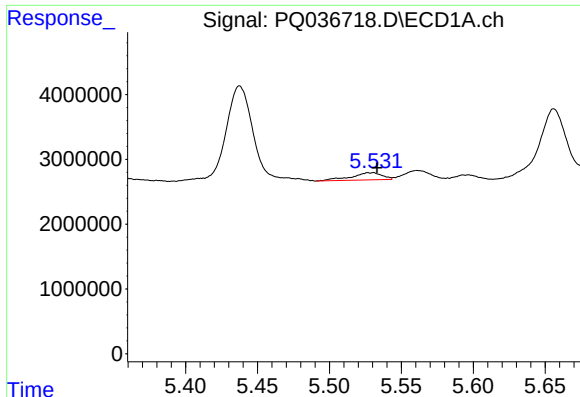
#16 AR-1242-1

R.T.: 5.530 min
Delta R.T.: 0.018 min
Response: 1687229
Conc: 14.56 ng/ml



#16 AR-1242-1

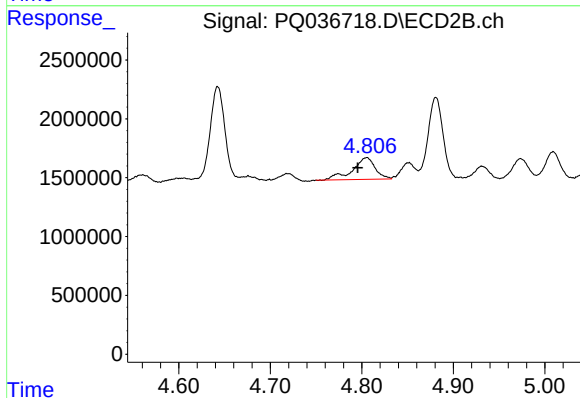
R.T.: 4.805 min
Delta R.T.: 0.027 min
Response: 3209954
Conc: 51.11 ng/ml



#17 AR-1242-2

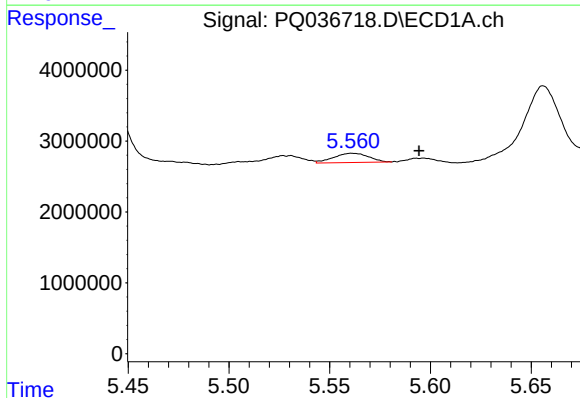
R.T.: 5.530 min
Delta R.T.: -0.003 min
Response: 1687229
Conc: 9.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-O



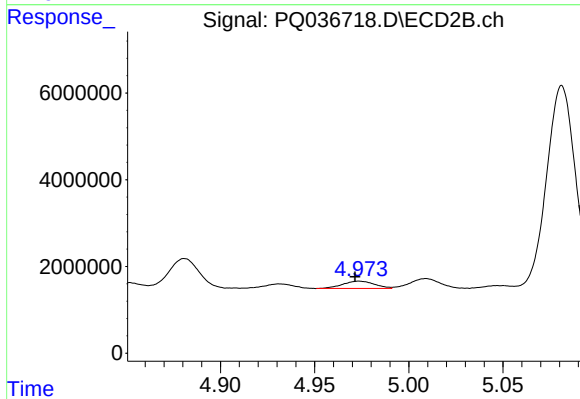
#17 AR-1242-2

R.T.: 4.805 min
Delta R.T.: 0.010 min
Response: 3209954
Conc: 34.39 ng/ml



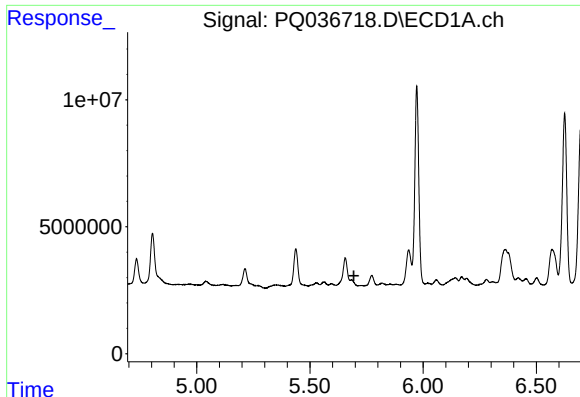
#18 AR-1242-3

R.T.: 5.561 min
Delta R.T.: -0.033 min
Response: 1584690
Conc: 15.28 ng/ml



#18 AR-1242-3

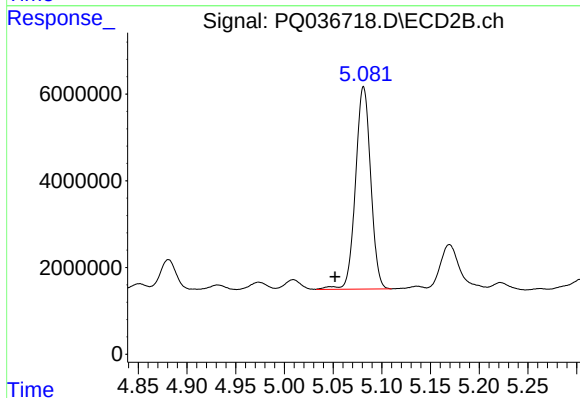
R.T.: 4.974 min
Delta R.T.: 0.002 min
Response: 1982362
Conc: 42.37 ng/ml



#19 AR-1242-4

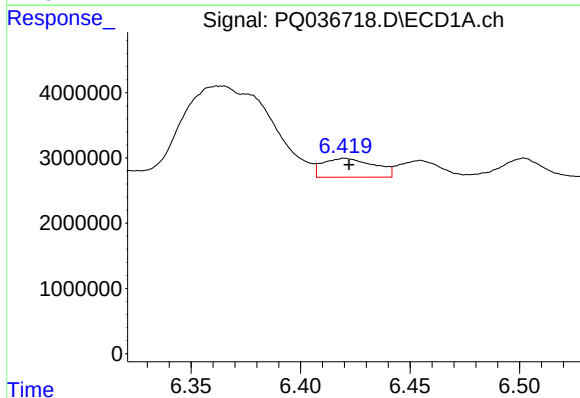
R.T.: 0.000 min
Exp R.T.: 5.694 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
TS-O



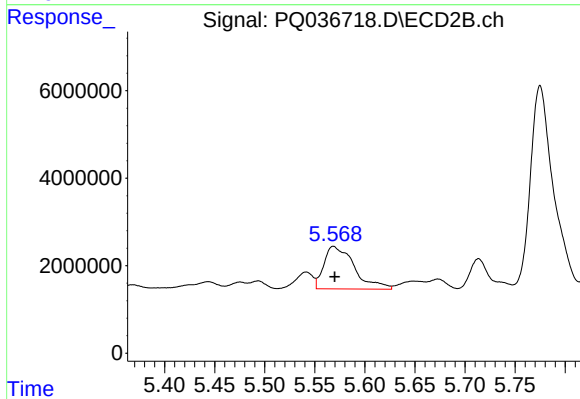
#19 AR-1242-4

R.T.: 5.081 min
Delta R.T.: 0.029 min
Response: 50612572
Conc: 1107.72 ng/ml



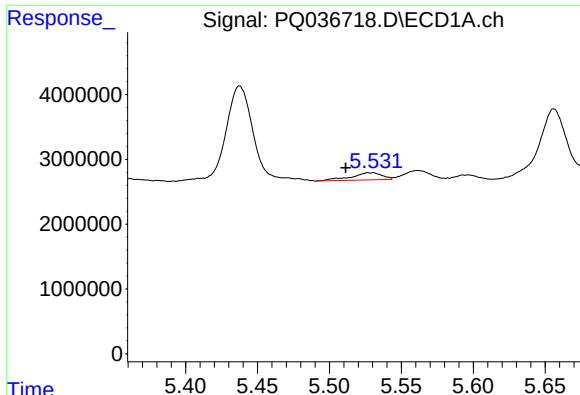
#20 AR-1242-5

R.T.: 6.420 min
Delta R.T.: -0.002 min
Response: 4706406
Conc: 51.87 ng/ml



#20 AR-1242-5

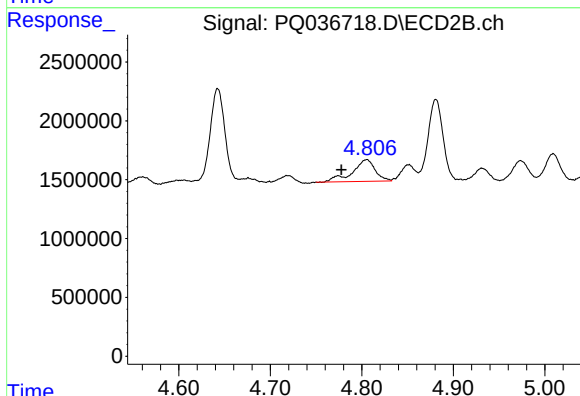
R.T.: 5.569 min
Delta R.T.: -0.001 min
Response: 20584311
Conc: 367.72 ng/ml



#21 AR-1248-1

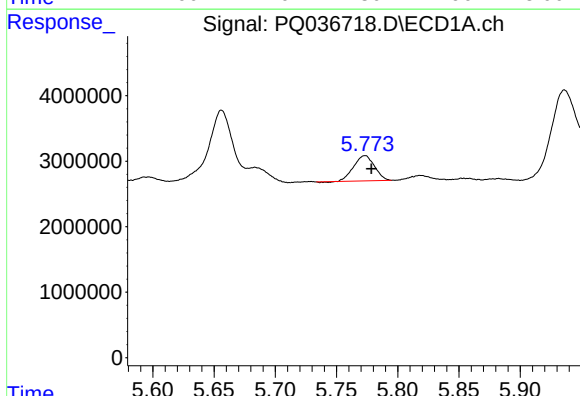
R.T.: 5.530 min
Delta R.T.: 0.018 min
Response: 1687229
Conc: 18.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-O



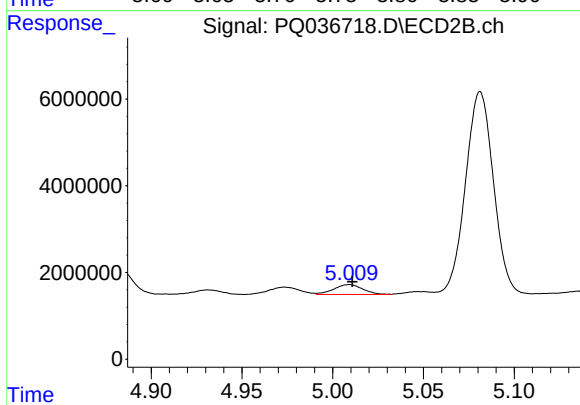
#21 AR-1248-1

R.T.: 4.805 min
Delta R.T.: 0.028 min
Response: 3209954
Conc: 65.09 ng/ml



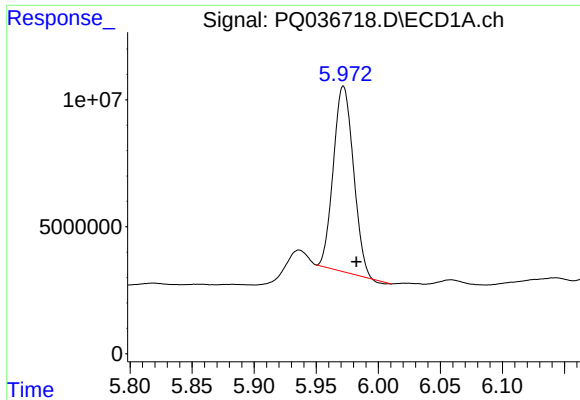
#22 AR-1248-2

R.T.: 5.773 min
Delta R.T.: -0.005 min
Response: 4572722
Conc: 37.48 ng/ml



#22 AR-1248-2

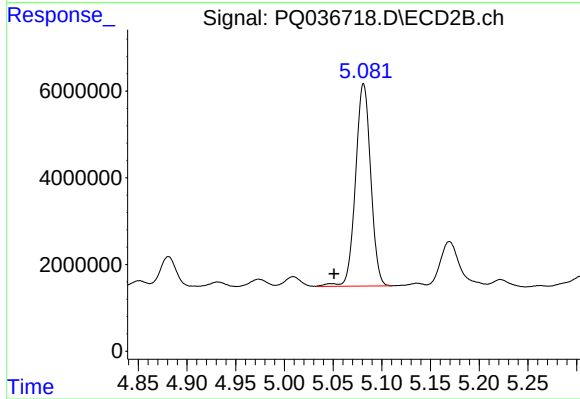
R.T.: 5.009 min
Delta R.T.: -0.002 min
Response: 2491376
Conc: 38.40 ng/ml



#23 AR-1248-3

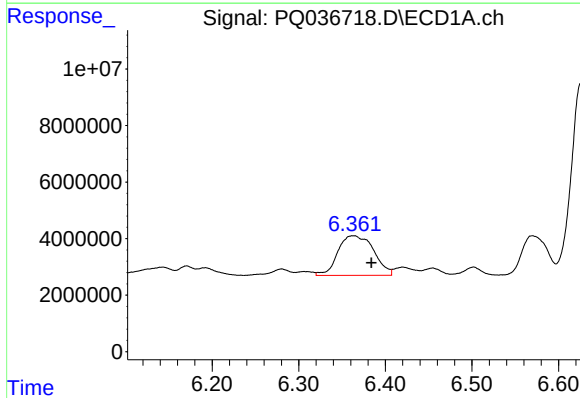
R.T.: 5.972 min
Delta R.T.: -0.010 min
Response: 82183642
Conc: 598.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-O



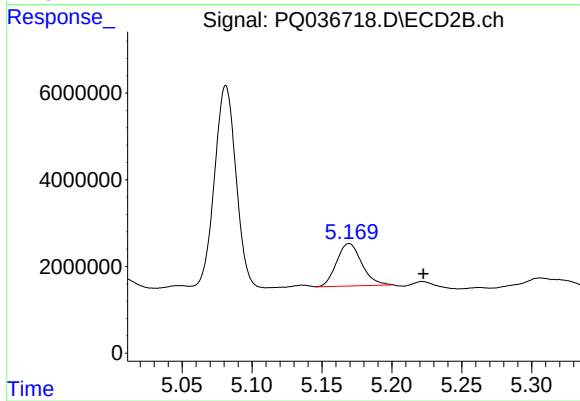
#23 AR-1248-3

R.T.: 5.081 min
Delta R.T.: 0.030 min
Response: 50612572
Conc: 763.76 ng/ml



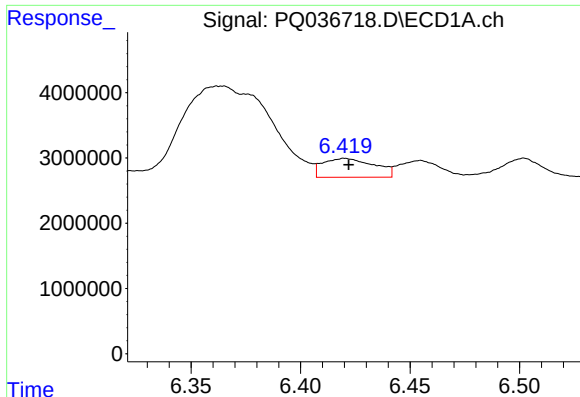
#24 AR-1248-4

R.T.: 6.364 min
Delta R.T.: -0.020 min
Response: 40151104
Conc: 255.83 ng/ml



#24 AR-1248-4

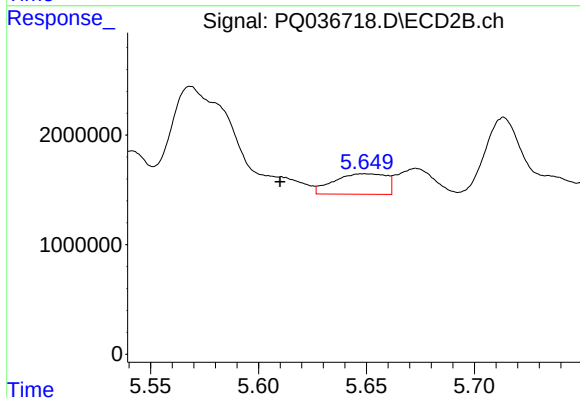
R.T.: 5.169 min
Delta R.T.: -0.053 min
Response: 12300074
Conc: 154.87 ng/ml



#25 AR-1248-5

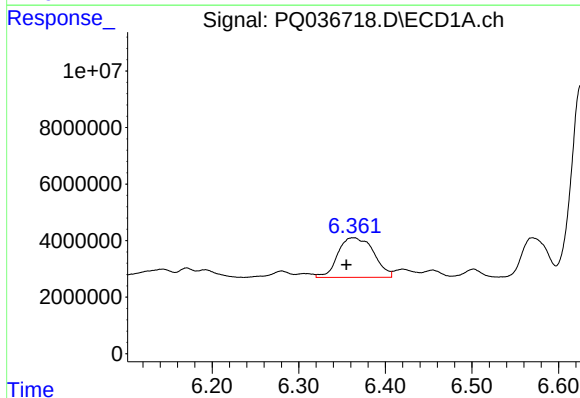
R.T.: 6.420 min
Delta R.T.: -0.002 min
Response: 4706406
Conc: 31.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-O



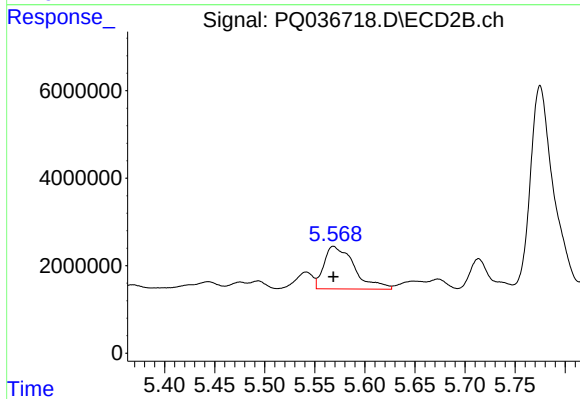
#25 AR-1248-5

R.T.: 5.649 min
Delta R.T.: 0.039 min
Response: 3176416
Conc: 40.20 ng/ml



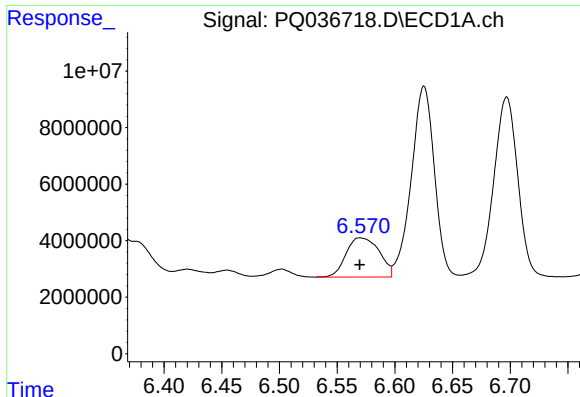
#26 AR-1254-1

R.T.: 6.364 min
Delta R.T.: 0.008 min
Response: 40151104
Conc: 226.42 ng/ml



#26 AR-1254-1

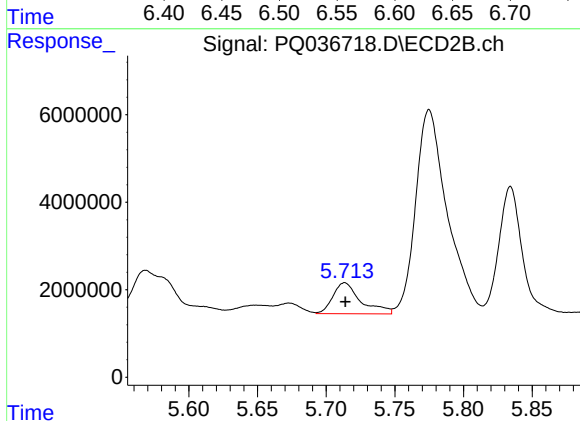
R.T.: 5.569 min
Delta R.T.: 0.000 min
Response: 20584311
Conc: 153.75 ng/ml



#27 AR-1254-2

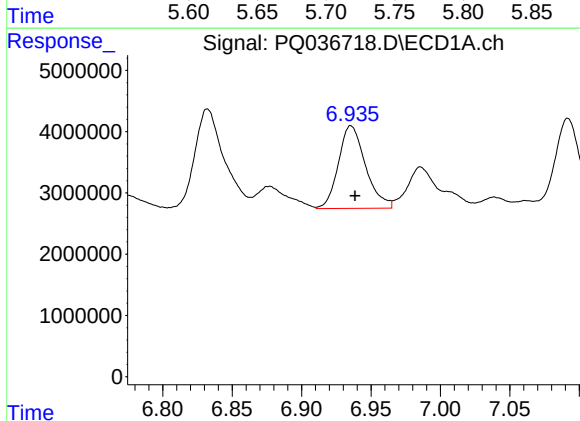
R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 27832139
Conc: 106.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-O



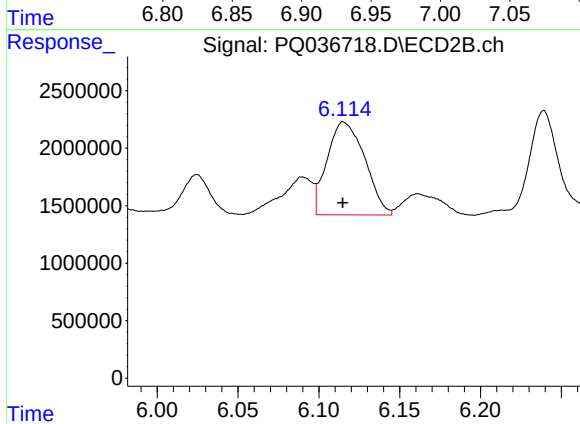
#27 AR-1254-2

R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 10041697
Conc: 90.74 ng/ml



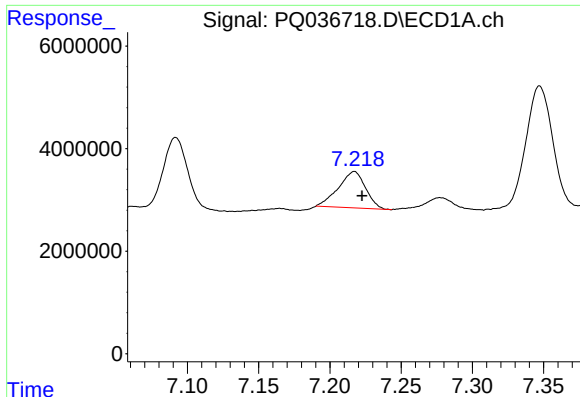
#28 AR-1254-3

R.T.: 6.936 min
Delta R.T.: -0.003 min
Response: 18406605
Conc: 68.75 ng/ml



#28 AR-1254-3

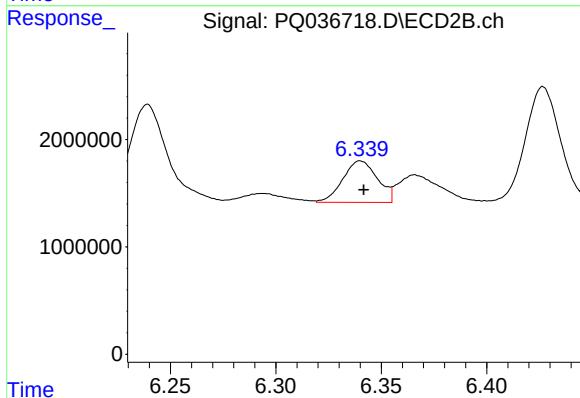
R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 13124370
Conc: 72.92 ng/ml



#29 AR-1254-4

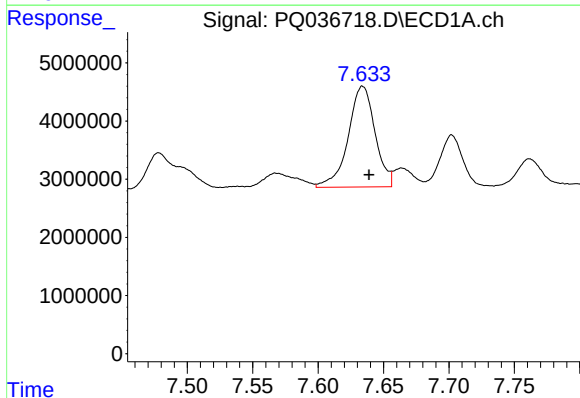
R.T.: 7.217 min
Delta R.T.: -0.005 min
Response: 9417149
Conc: 47.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-O



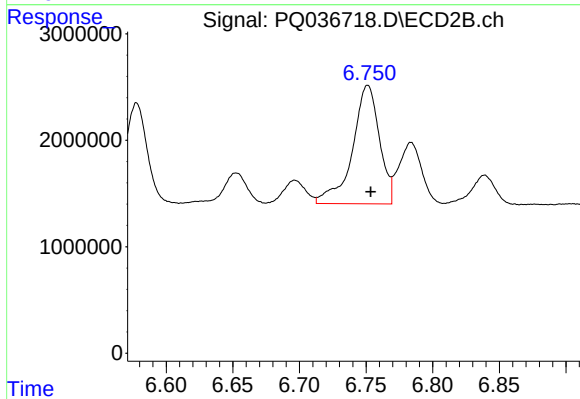
#29 AR-1254-4

R.T.: 6.340 min
Delta R.T.: -0.001 min
Response: 4425362
Conc: 33.54 ng/ml



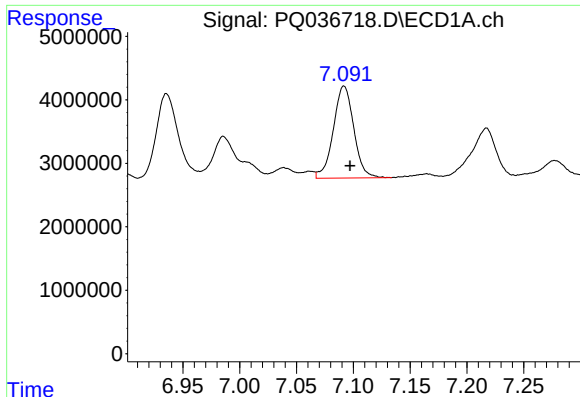
#30 AR-1254-5

R.T.: 7.634 min
Delta R.T.: -0.005 min
Response: 24787049
Conc: 121.41 ng/ml



#30 AR-1254-5

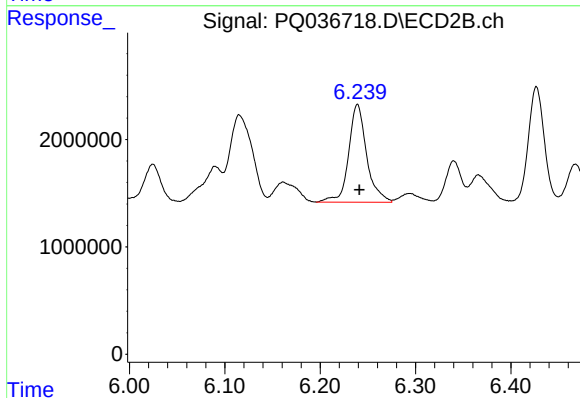
R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 15711968
Conc: 104.62 ng/ml



#31 AR-1260-1

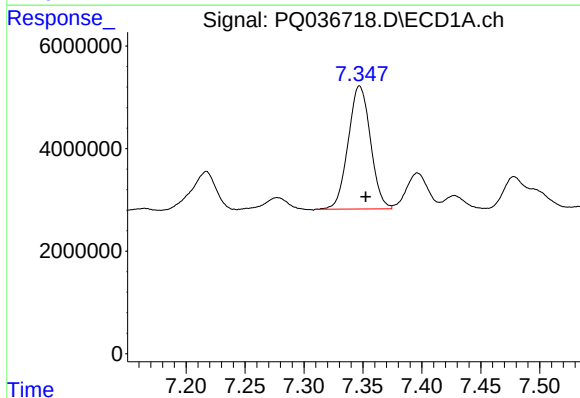
R.T.: 7.092 min
Delta R.T.: -0.005 min
Response: 18162096
Conc: 93.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-O



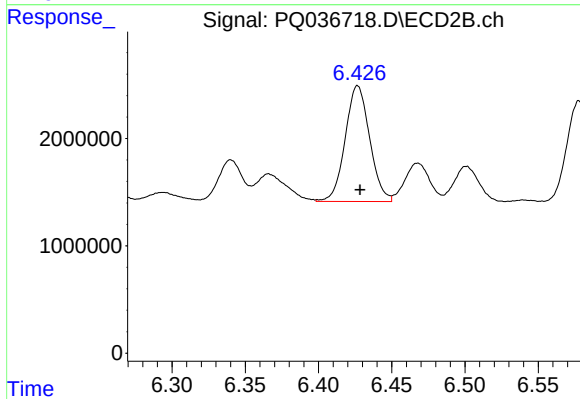
#31 AR-1260-1

R.T.: 6.239 min
Delta R.T.: -0.002 min
Response: 12012573
Conc: 104.65 ng/ml



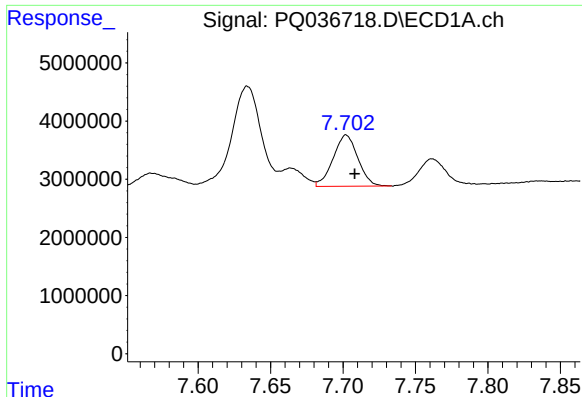
#32 AR-1260-2

R.T.: 7.347 min
Delta R.T.: -0.005 min
Response: 31613173
Conc: 136.89 ng/ml



#32 AR-1260-2

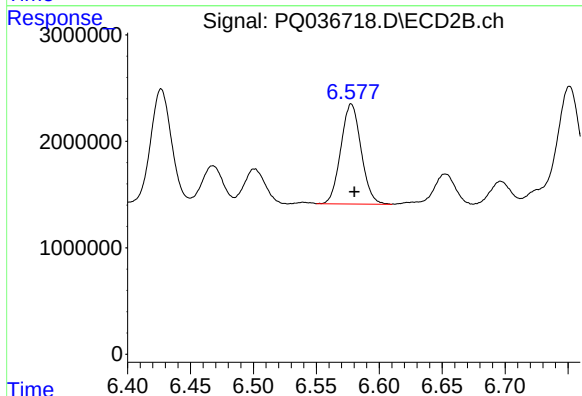
R.T.: 6.427 min
Delta R.T.: -0.002 min
Response: 12560170
Conc: 89.34 ng/ml



#33 AR-1260-3

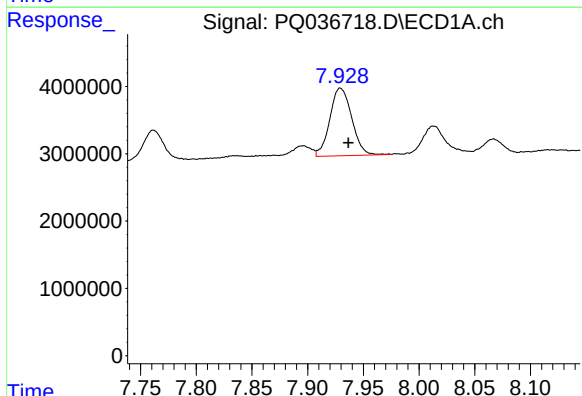
R.T.: 7.702 min
Delta R.T.: -0.006 min
Response: 10488822
Conc: 72.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-O



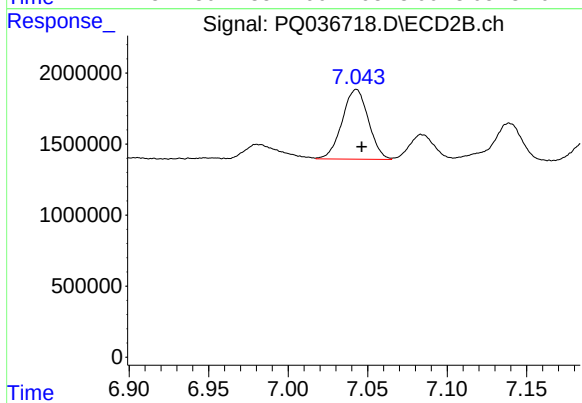
#33 AR-1260-3

R.T.: 6.578 min
Delta R.T.: -0.003 min
Response: 10549128
Conc: 82.31 ng/ml



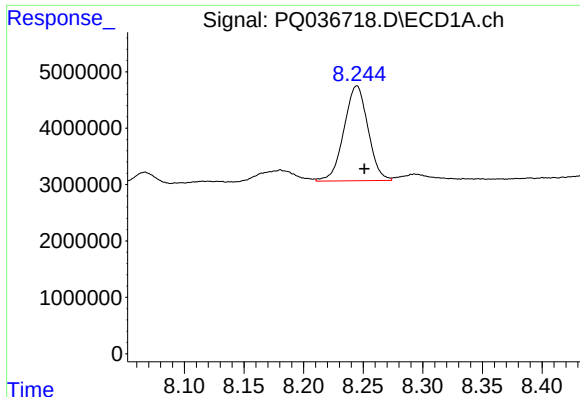
#34 AR-1260-4

R.T.: 7.929 min
Delta R.T.: -0.007 min
Response: 13749088
Conc: 80.75 ng/ml



#34 AR-1260-4

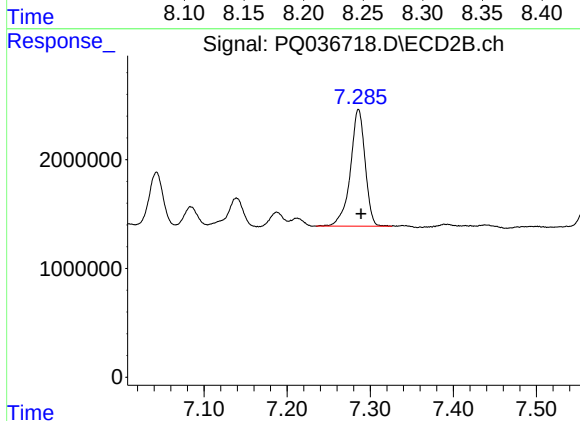
R.T.: 7.043 min
Delta R.T.: -0.003 min
Response: 5650779
Conc: 64.90 ng/ml



#35 AR-1260-5

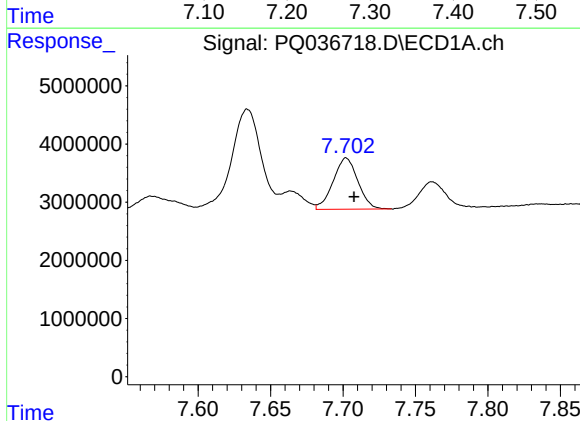
R.T.: 8.245 min
Delta R.T.: -0.006 min
Response: 23570533
Conc: 70.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-O



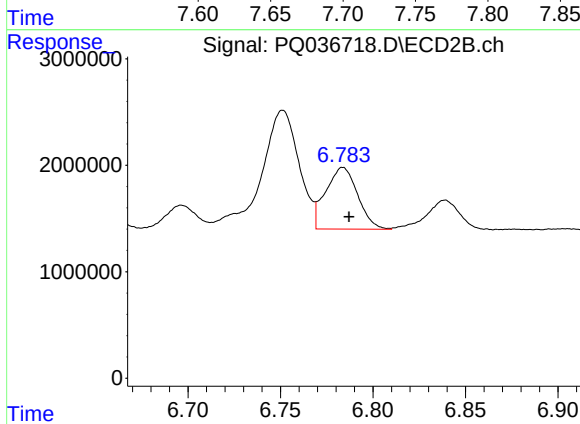
#35 AR-1260-5

R.T.: 7.286 min
Delta R.T.: -0.003 min
Response: 13195041
Conc: 60.44 ng/ml



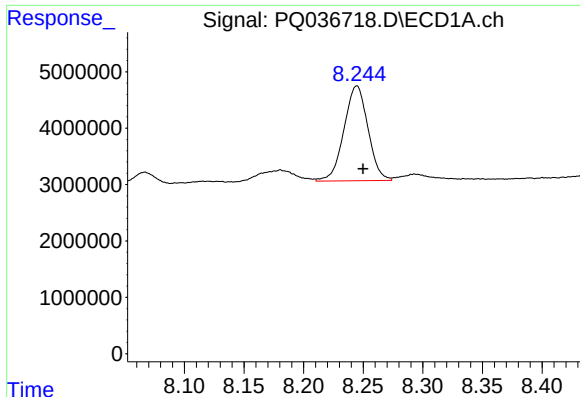
#36 AR-1262-1

R.T.: 7.702 min
Delta R.T.: -0.005 min
Response: 10488822
Conc: 37.87 ng/ml



#36 AR-1262-1

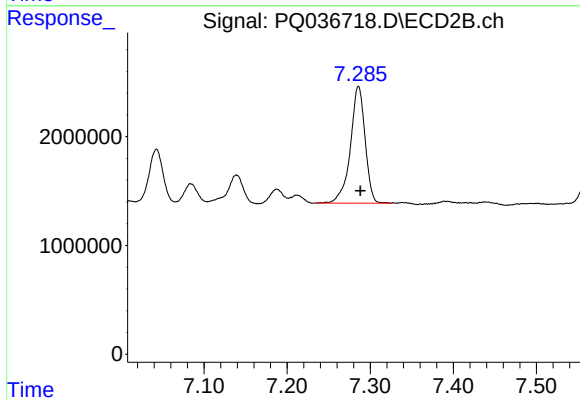
R.T.: 6.784 min
Delta R.T.: -0.003 min
Response: 6994838
Conc: 41.68 ng/ml



#37 AR-1262-2

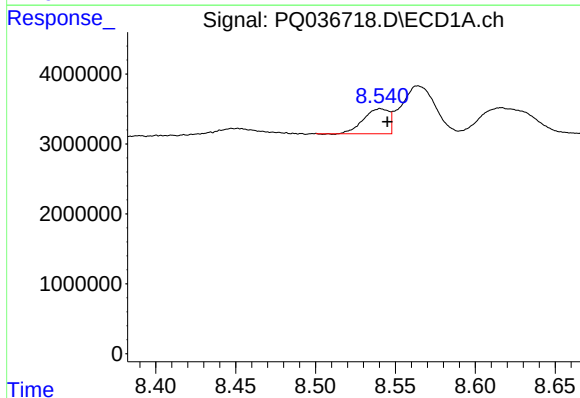
R.T.: 8.245 min
Delta R.T.: -0.005 min
Response: 23570533
Conc: 48.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-O



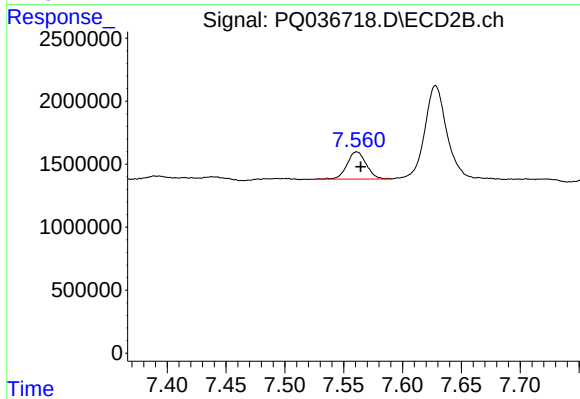
#37 AR-1262-2

R.T.: 7.286 min
Delta R.T.: -0.002 min
Response: 13195041
Conc: 43.58 ng/ml



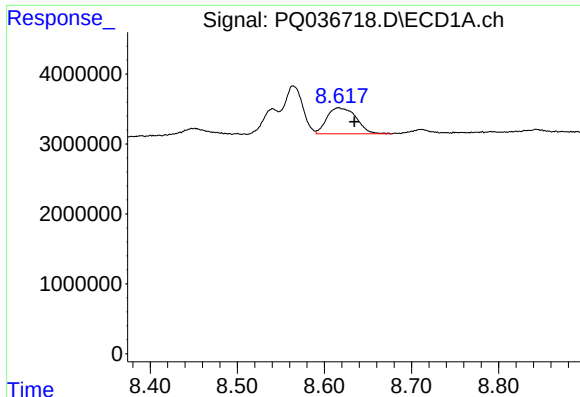
#38 AR-1262-3

R.T.: 8.541 min
Delta R.T.: -0.004 min
Response: 3984003
Conc: 19.16 ng/ml



#38 AR-1262-3

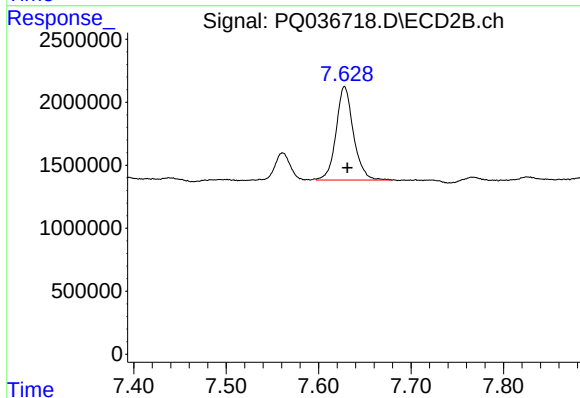
R.T.: 7.561 min
Delta R.T.: -0.003 min
Response: 2440238
Conc: 21.73 ng/ml



#39 AR-1262-4

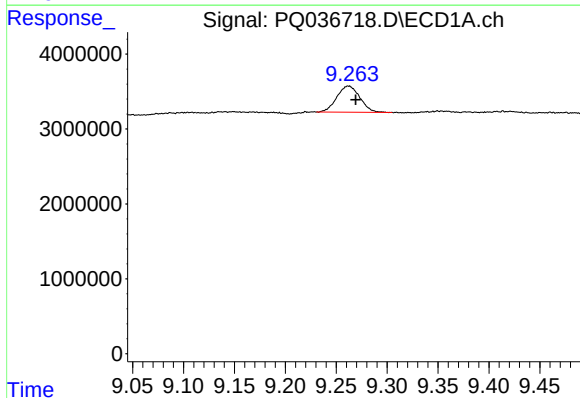
R.T.: 8.616 min
Delta R.T.: -0.018 min
Response: 8675659
Conc: 35.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-O



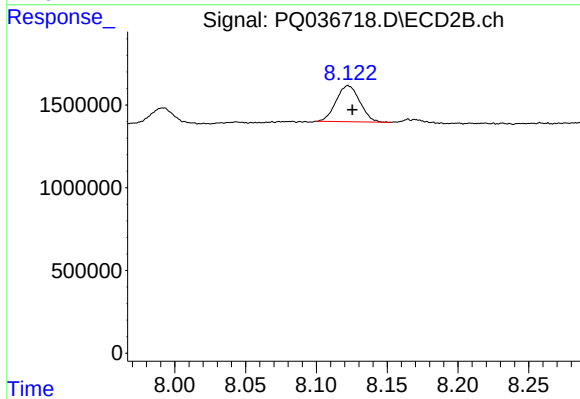
#39 AR-1262-4

R.T.: 7.628 min
Delta R.T.: -0.003 min
Response: 9686913
Conc: 44.91 ng/ml



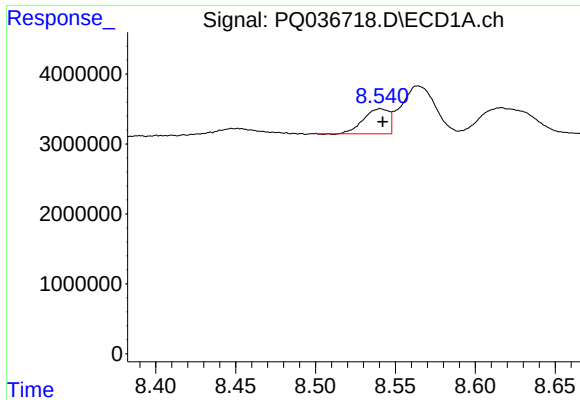
#40 AR-1262-5

R.T.: 9.262 min
Delta R.T.: -0.007 min
Response: 5470719
Conc: 33.62 ng/ml



#40 AR-1262-5

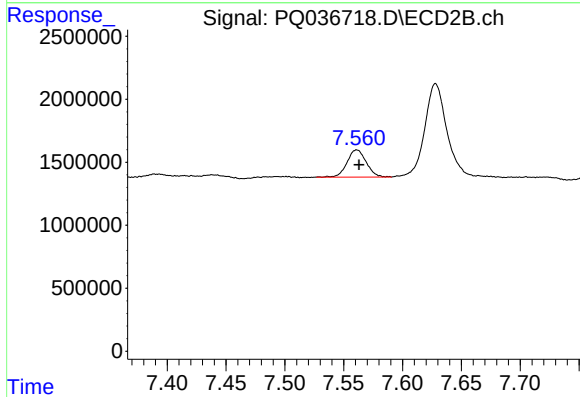
R.T.: 8.123 min
Delta R.T.: -0.003 min
Response: 2543487
Conc: 27.04 ng/ml



#41 AR-1268-1

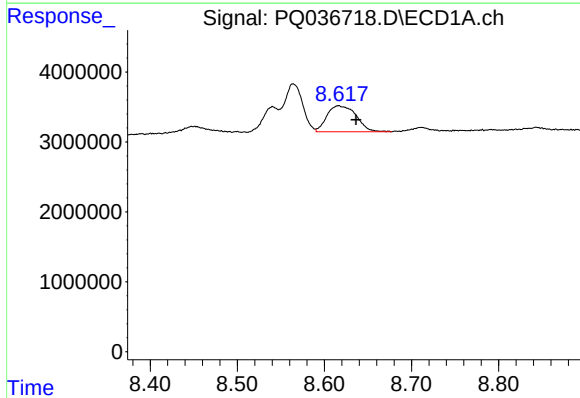
R.T.: 8.541 min
Delta R.T.: -0.001 min
Response: 3984003
Conc: 6.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-O



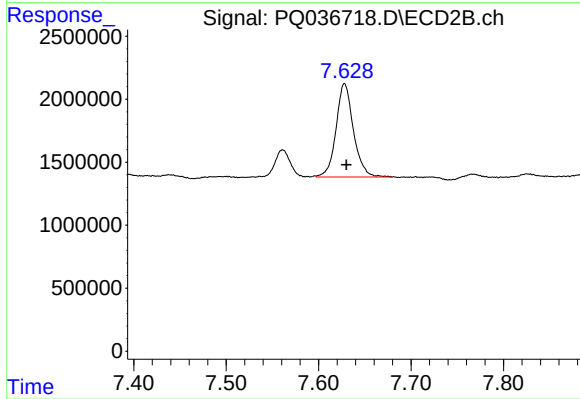
#41 AR-1268-1

R.T.: 7.561 min
Delta R.T.: -0.002 min
Response: 2440238
Conc: 6.71 ng/ml



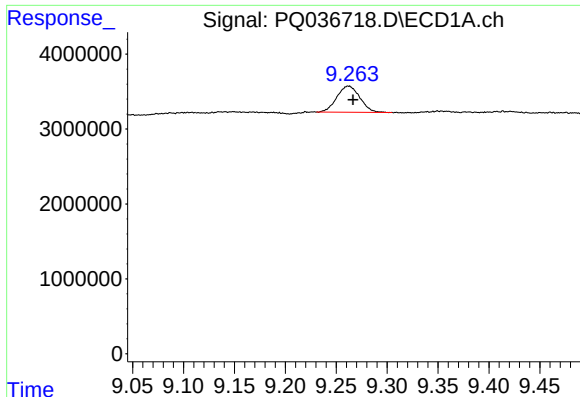
#42 AR-1268-2

R.T.: 8.616 min
Delta R.T.: -0.020 min
Response: 8675659
Conc: 14.74 ng/ml



#42 AR-1268-2

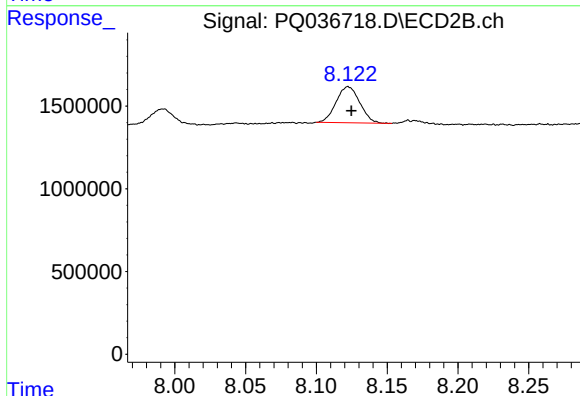
R.T.: 7.628 min
Delta R.T.: -0.002 min
Response: 9686913
Conc: 29.24 ng/ml



#44 AR-1268-4

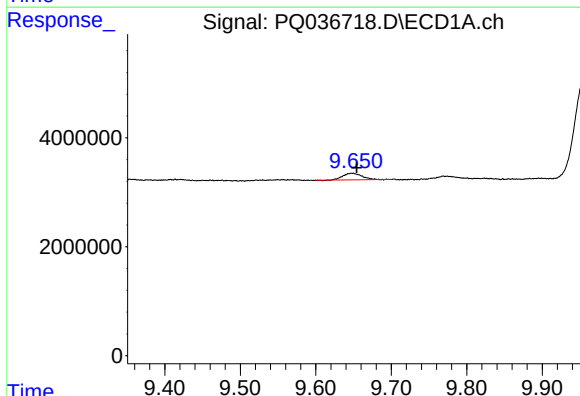
R.T.: 9.262 min
Delta R.T.: -0.004 min
Response: 5470719
Conc: 28.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-O



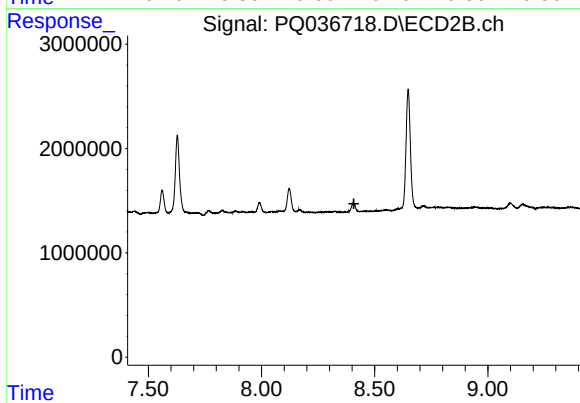
#44 AR-1268-4

R.T.: 8.123 min
Delta R.T.: -0.002 min
Response: 2543487
Conc: 22.78 ng/ml



#45 AR-1268-5

R.T.: 9.648 min
Delta R.T.: -0.006 min
Response: 2113129
Conc: 1.30 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 8.408 min
Response: 0
Conc: N.D.