

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ083118\
 Data File : PQ031517.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Aug 2018 09:46
 Operator : SM\SJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1254304

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 05:14:47 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082718CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 28 06:51:23 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...	4.603	3.880	42247902	36364361	20.240	21.703
2)	SA Decachlor...	10.465	8.967	98999025	90740270	36.276	39.088
Target Compounds							
3)	L1 AR-1016-1	5.317	0.000	198493	0	3.649	N.D. #
4)	L1 AR-1016-2	5.511	4.982	825550	137261	15.000	2.106 #
5)	L1 AR-1016-3	5.783	4.982	992187	137261	12.627	1.478 #
6)	L1 AR-1016-4	5.869	0.000	394921	0	5.567	N.D. #
7)	L1 AR-1016-5	6.261	5.436	13737887	10979919	215.387	200.524
9)	L2 AR-1221-2	4.912	0.000	574598	0	39.709	N.D. #
10)	L2 AR-1221-3	4.975	0.000	299464	0	5.166	N.D. #
11)	L3 AR-1232-1	5.807	0.000	1198825	0	26.703	N.D. #
12)	L3 AR-1232-2	5.967	0.000	539577	0	24.285	N.D. #
13)	L3 AR-1232-3	6.138	5.261	828753	5515635	118.515	326.963 #
14)	L3 AR-1232-4	6.471	5.586	1322324	4314735	198.867	197.202
15)	L3 AR-1232-5	7.355	6.168	11695176	16880253	2410.284	5735.248 #
16)	L4 AR-1242-1	5.348	0.000	133673	0	5.583	N.D. #
17)	L4 AR-1242-2	6.101	5.183	6343451	611089	151.963	15.729 #
18)	L4 AR-1242-3	6.304	5.293	991865	857922	46.827	68.658 #
19)	L4 AR-1242-4	6.349	5.660	892978	790252	57.160	71.818 #
20)	L4 AR-1242-5	6.405	6.033	6031646	17304387	111.580	604.088 #
21)	L5 AR-1248-1	6.055	5.219	21934478	18978413	289.068	304.292
22)	L5 AR-1248-2	6.640	5.790	43187325	52592641	536.846	440.849
23)	L5 AR-1248-3	6.665	5.831	20239432	6553680	190.014	80.451 #
24)	L5 AR-1248-4	6.708	5.989	12828086	21056249	126.727	293.442 #
25)	L5 AR-1248-5	6.908	6.343	22811027	78781175	329.269	1360.601 #
26)	L6 AR-1254-1	6.857	5.936	68225774	45683029	365.908	375.449
27)	L6 AR-1254-2	7.140	6.253	41412353	38114782	354.492	368.072
28)	L6 AR-1254-3	7.226	6.571	75106052	48743008	359.096	367.825
29)	L6 AR-1254-4	7.511	6.889	55028752	34712465	360.178	370.534
30)	L6 AR-1254-5	7.788	6.990	42574198	70109550	365.391	368.972
31)	L7 AR-1260-1	7.389	6.472	27903827	35936895	188.928	275.440 #
32)	L7 AR-1260-2	7.644	6.658	34048778	28737481	189.749	180.131
33)	L7 AR-1260-3	7.932	6.816	63081235	31357143	290.793	208.003 #
34)	L7 AR-1260-4	8.230	7.289	23291498	4042405	147.149	32.238 #
35)	L7 AR-1260-5	8.569	7.526	8392273	6935865	26.118	22.944
36)	L8 AR-1262-1	7.282	6.343	6012182	78781175	74.172	1053.113 #
37)	L8 AR-1262-2	8.063	7.062	2106064	6633926	25.939	90.774 #
38)	L8 AR-1262-3	8.322	7.387	2260344	2423168	25.000	32.004 #
39)	L8 AR-1262-4	8.966	7.876	1184292	7429311	6.506	52.799 #
40)	L8 AR-1262-5	9.675	0.000	481314	0	3.736	N.D. #
41)	L9 AR-1268-1	7.995	6.990	8255175	70109550	91.162	848.222 #
42)	L9 AR-1268-2	8.230	7.876	23291498	7429311	196.498	17.326 #

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Sample : AR1254CCC400
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1254304

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 31 05:14:47 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082718CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 28 06:51:23 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	
43)	L9 AR-1268-3	8.915	0.000	6566672	0	12.814	N.D.	#
44)	L9 AR-1268-4	9.227	0.000	836919	0	2.122	N.D.	#
45)	L9 AR-1268-5	10.112	0.000	1557305	0	1.304	N.D.	#

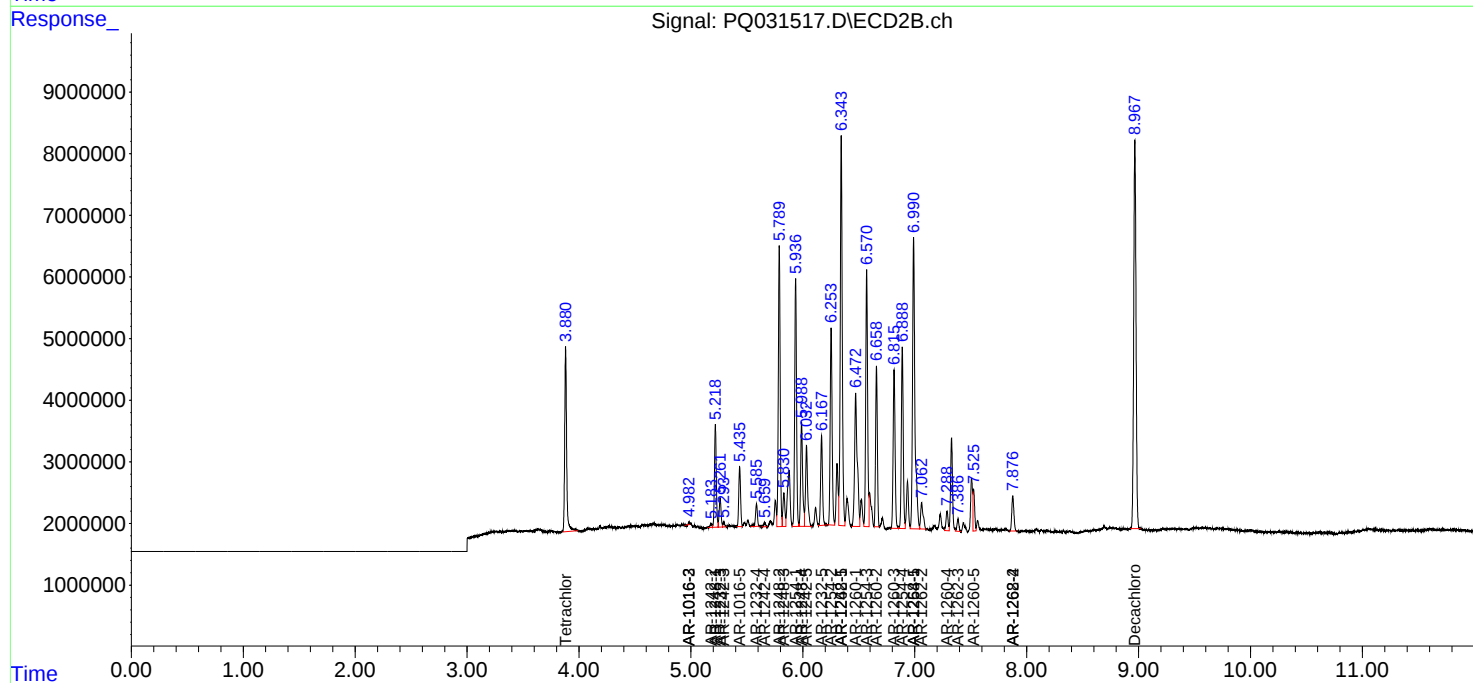
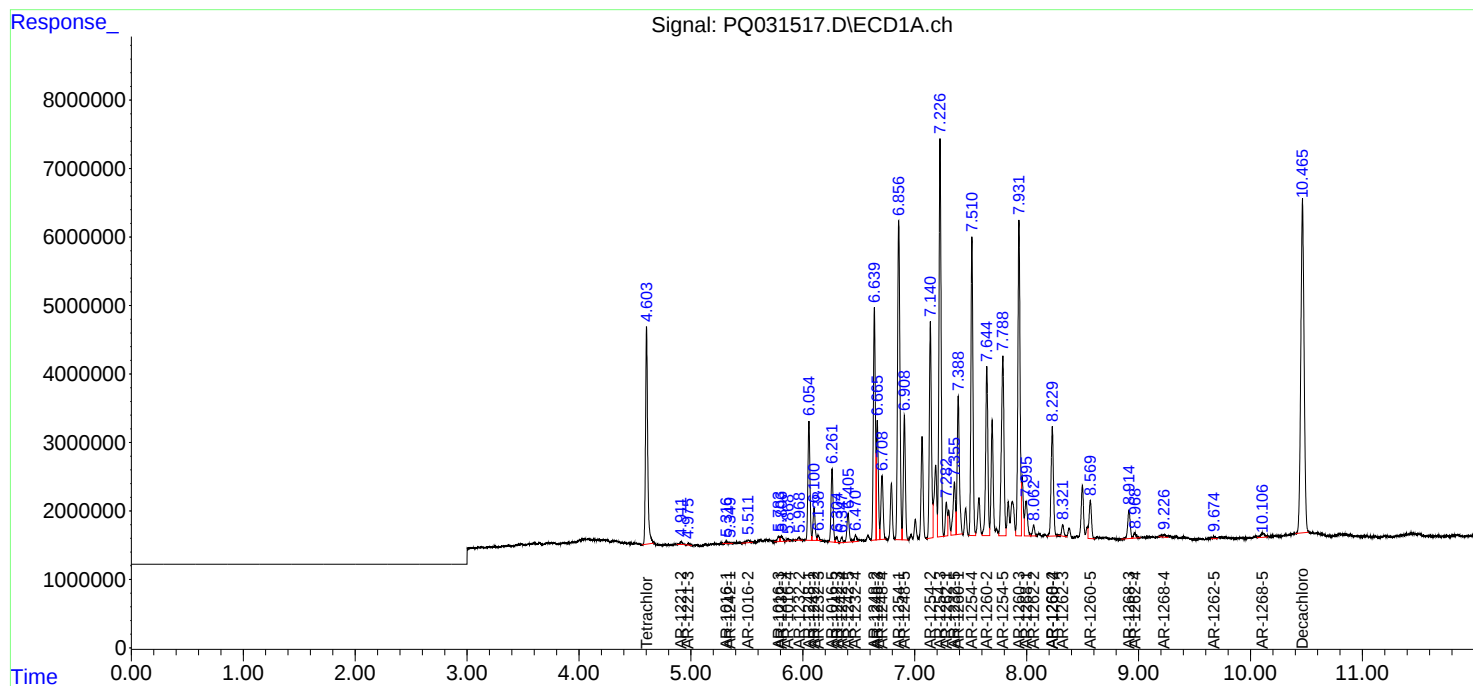
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

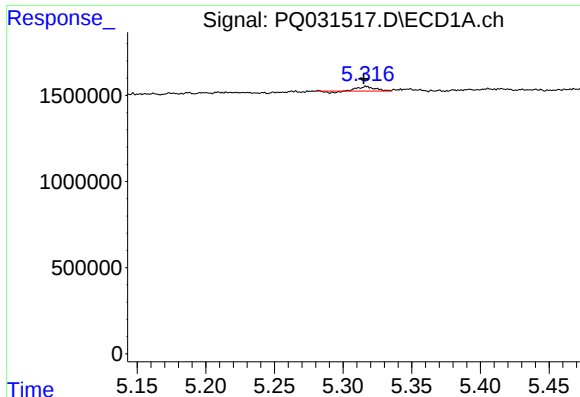
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ083118\
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
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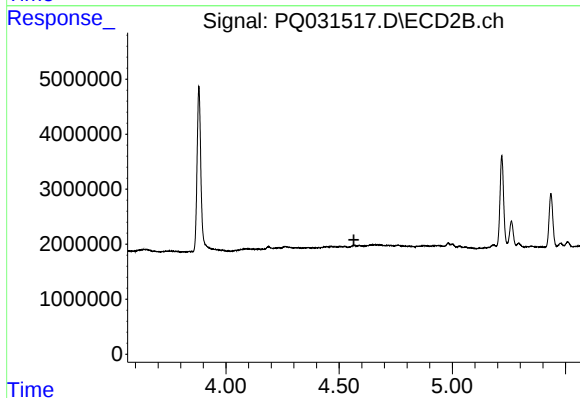




#3 AR-1016-1

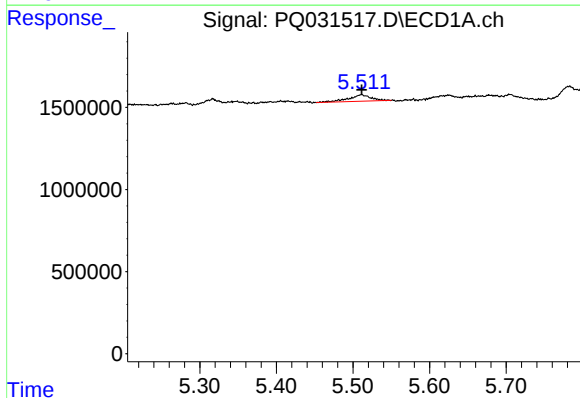
R.T.: 5.317 min
Delta R.T.: 0.002 min
Response: 198493
Conc: 3.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



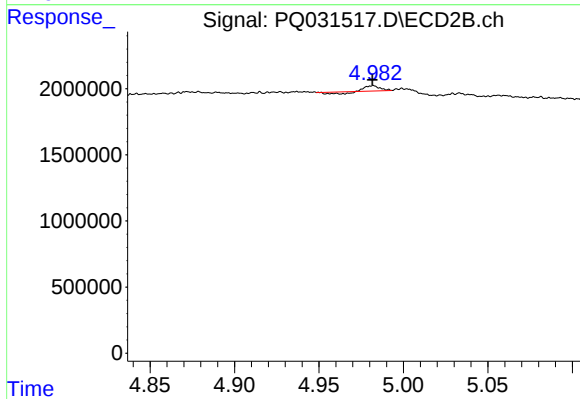
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.565 min
Response: 0
Conc: N.D.



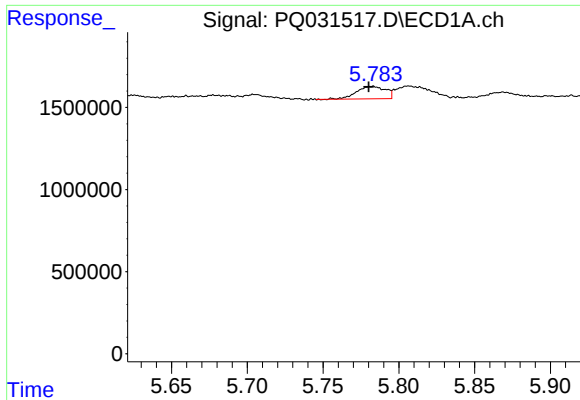
#4 AR-1016-2

R.T.: 5.511 min
Delta R.T.: 0.000 min
Response: 825550
Conc: 15.00 ng/ml



#4 AR-1016-2

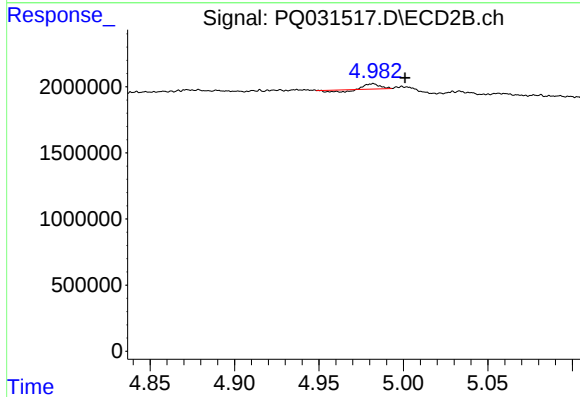
R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 137261
Conc: 2.11 ng/ml



#5 AR-1016-3

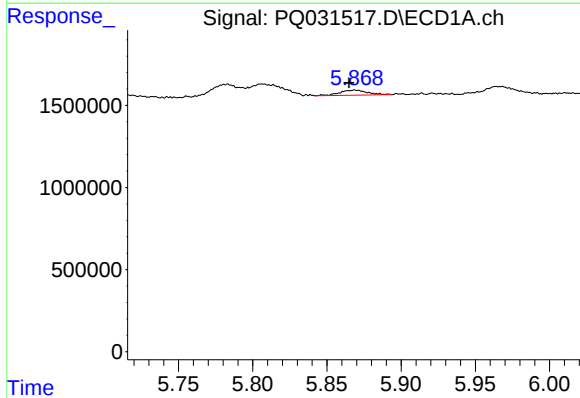
R.T.: 5.783 min
Delta R.T.: 0.003 min
Response: 992187
Conc: 12.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



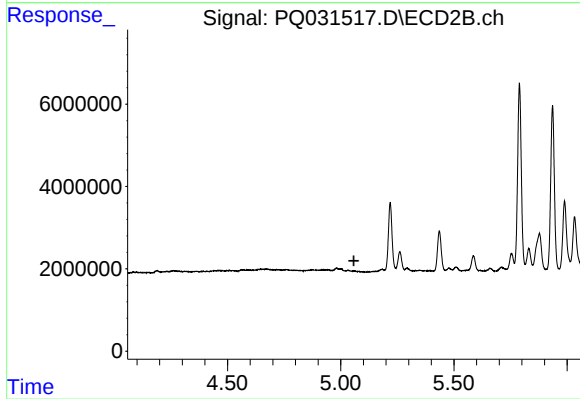
#5 AR-1016-3

R.T.: 4.982 min
Delta R.T.: -0.019 min
Response: 137261
Conc: 1.48 ng/ml



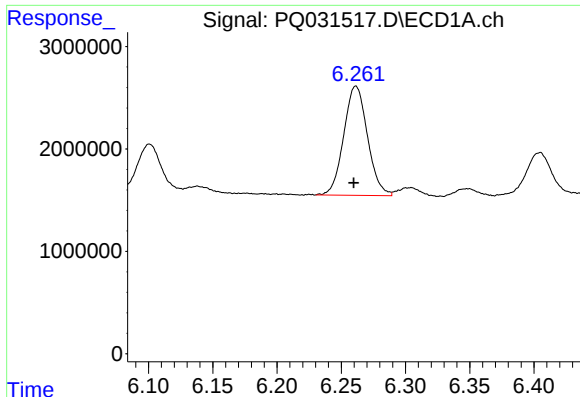
#6 AR-1016-4

R.T.: 5.869 min
Delta R.T.: 0.004 min
Response: 394921
Conc: 5.57 ng/ml



#6 AR-1016-4

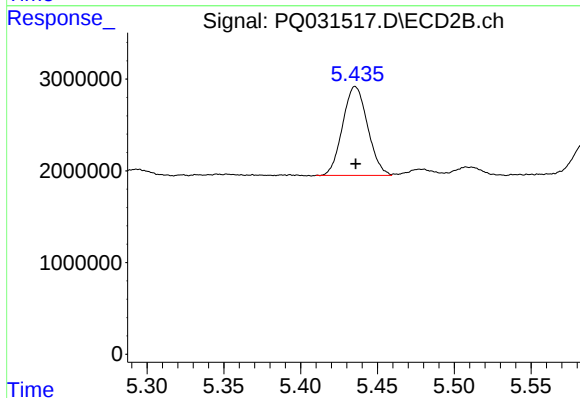
R.T.: 0.000 min
Exp R.T.: 5.058 min
Response: 0
Conc: N.D.



#7 AR-1016-5

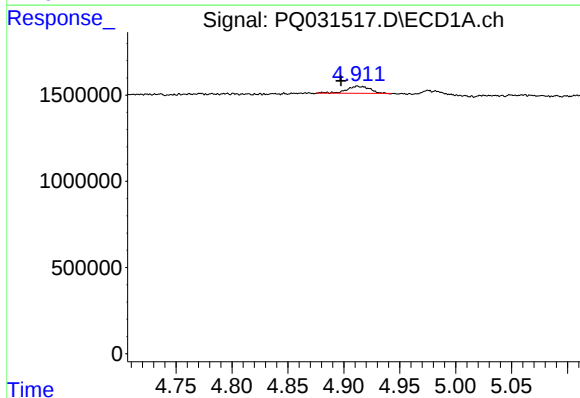
R.T.: 6.261 min
Delta R.T.: 0.002 min
Response: 13737887
Conc: 215.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



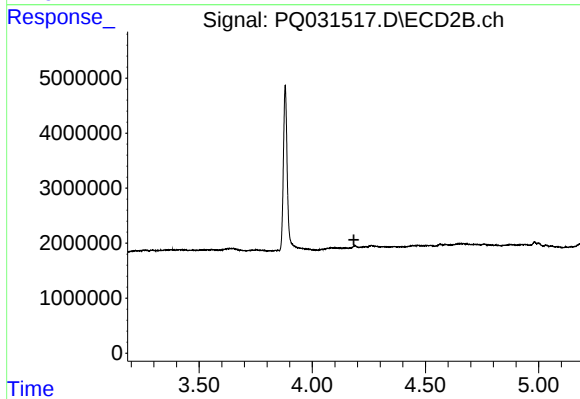
#7 AR-1016-5

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 10979919
Conc: 200.52 ng/ml



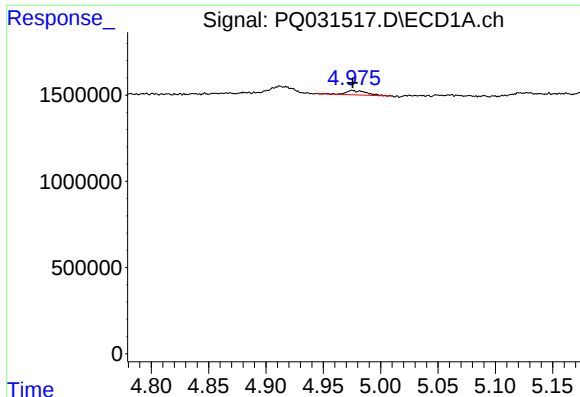
#9 AR-1221-2

R.T.: 4.912 min
Delta R.T.: 0.015 min
Response: 574598
Conc: 39.71 ng/ml



#9 AR-1221-2

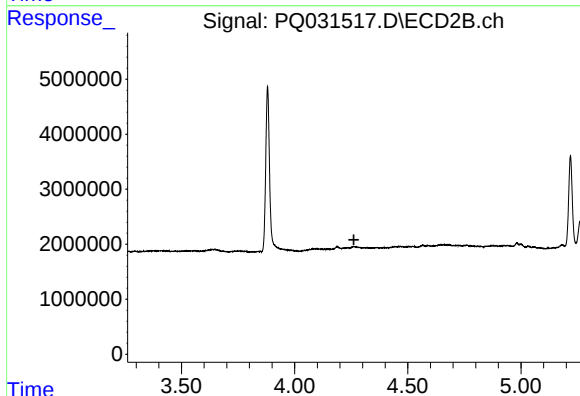
R.T.: 0.000 min
Exp R.T. : 4.184 min
Response: 0
Conc: N.D.



#10 AR-1221-3

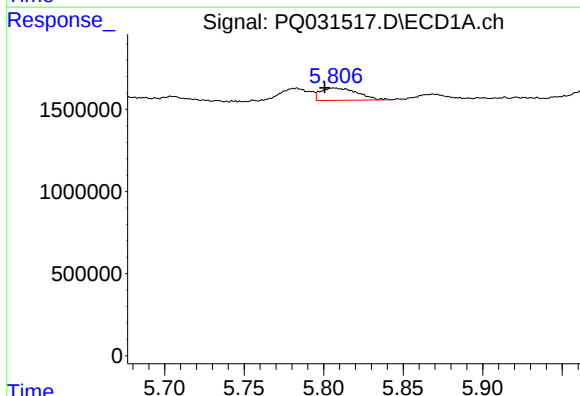
R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 299464
Conc: 5.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



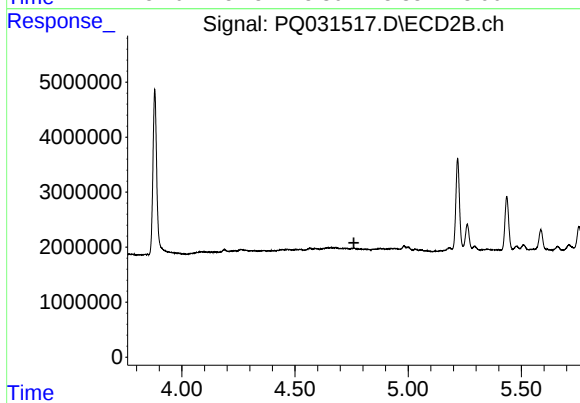
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.262 min
Response: 0
Conc: N.D.



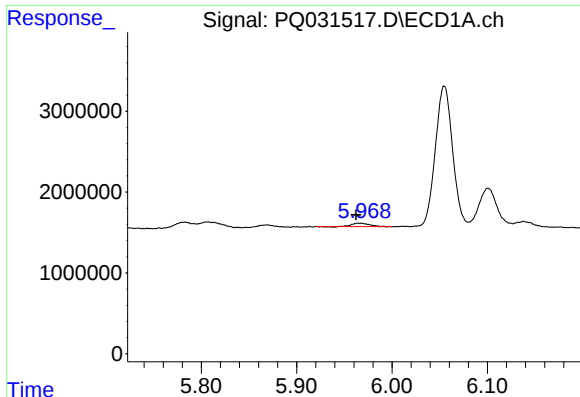
#11 AR-1232-1

R.T.: 5.807 min
Delta R.T.: 0.006 min
Response: 1198825
Conc: 26.70 ng/ml



#11 AR-1232-1

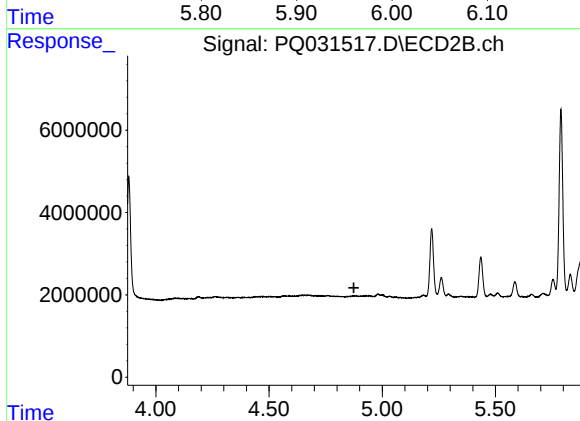
R.T.: 0.000 min
Exp R.T. : 4.760 min
Response: 0
Conc: N.D.



#12 AR-1232-2

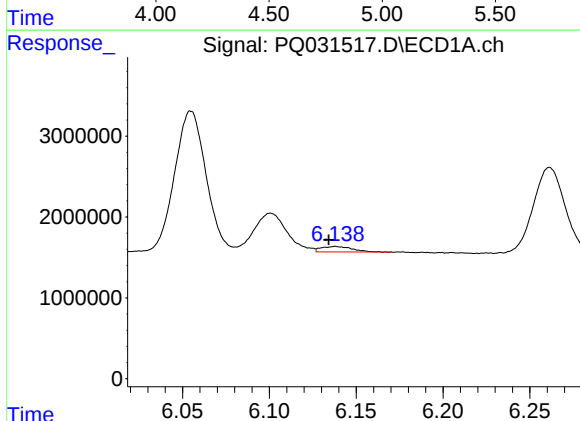
R.T.: 5.967 min
Delta R.T.: 0.004 min
Response: 539577
Conc: 24.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



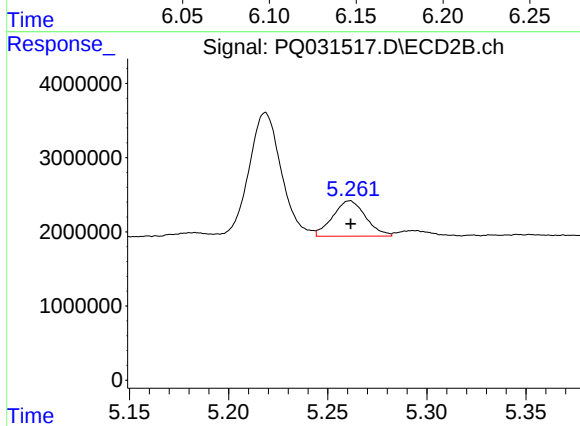
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.875 min
Response: 0
Conc: N.D.



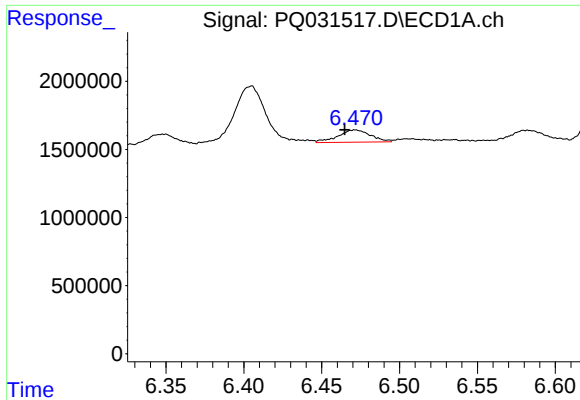
#13 AR-1232-3

R.T.: 6.138 min
Delta R.T.: 0.004 min
Response: 828753
Conc: 118.52 ng/ml



#13 AR-1232-3

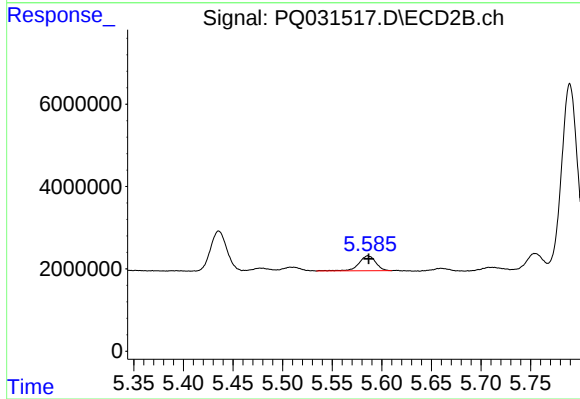
R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 5515635
Conc: 326.96 ng/ml



#14 AR-1232-4

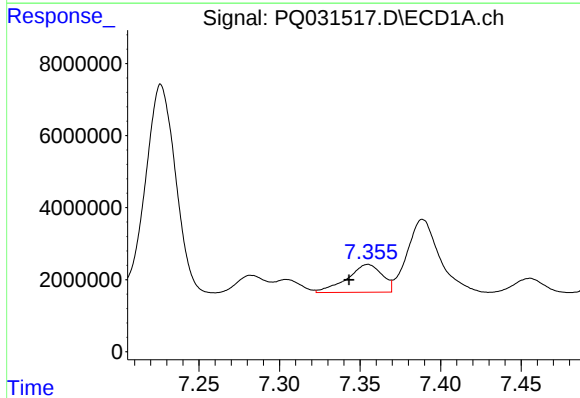
R.T.: 6.471 min
Delta R.T.: 0.007 min
Response: 1322324
Conc: 198.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



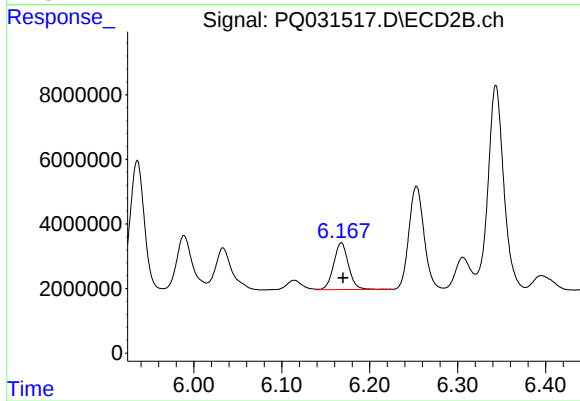
#14 AR-1232-4

R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 4314735
Conc: 197.20 ng/ml



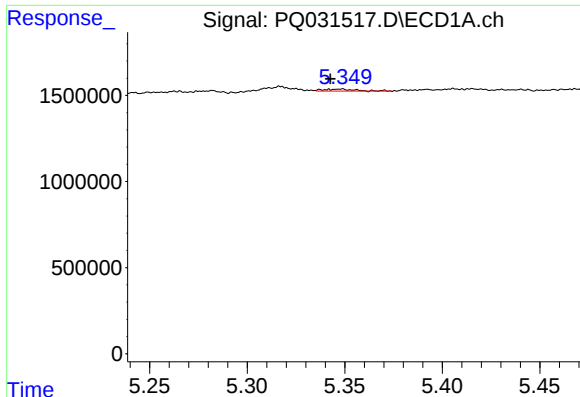
#15 AR-1232-5

R.T.: 7.355 min
Delta R.T.: 0.012 min
Response: 11695176
Conc: 2410.28 ng/ml



#15 AR-1232-5

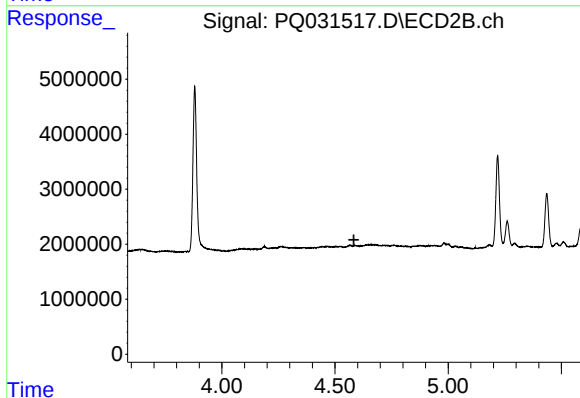
R.T.: 6.168 min
Delta R.T.: -0.002 min
Response: 16880253
Conc: 5735.25 ng/ml



#16 AR-1242-1

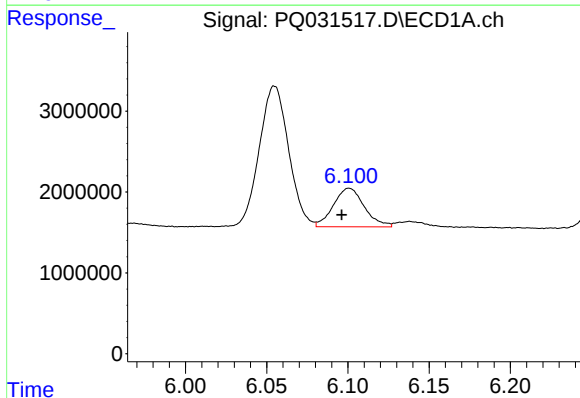
R.T.: 5.348 min
Delta R.T.: 0.005 min
Response: 133673
Conc: 5.58 ng/ml

Instrument :
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ClientSampleId :
AR1254304



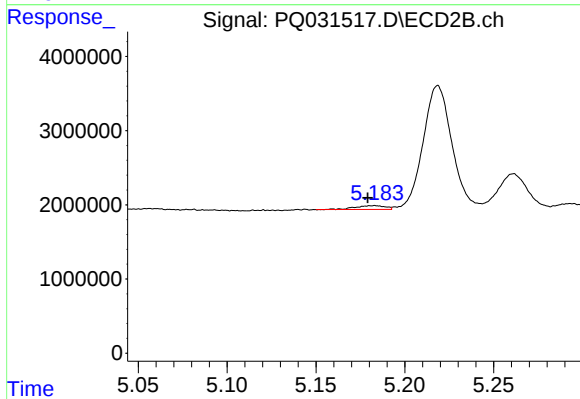
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.584 min
Response: 0
Conc: N.D.



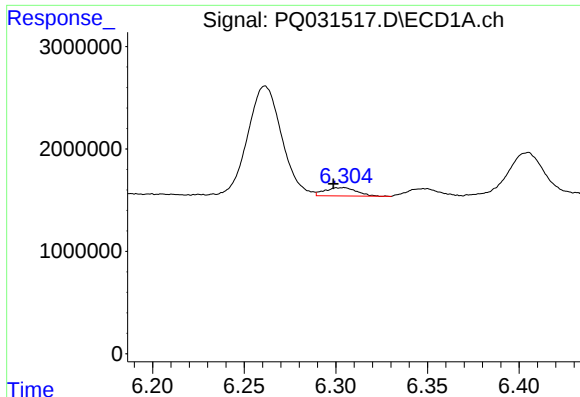
#17 AR-1242-2

R.T.: 6.101 min
Delta R.T.: 0.005 min
Response: 6343451
Conc: 151.96 ng/ml



#17 AR-1242-2

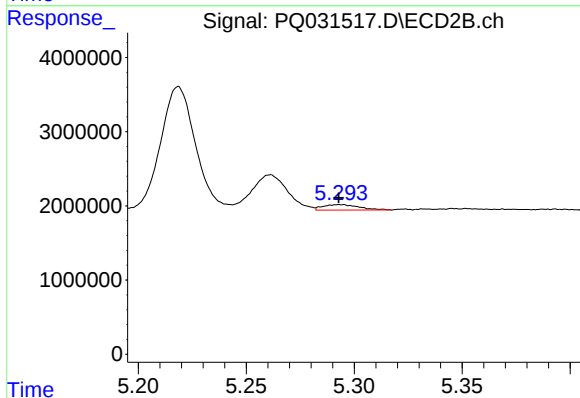
R.T.: 5.183 min
Delta R.T.: 0.004 min
Response: 611089
Conc: 15.73 ng/ml



#18 AR-1242-3

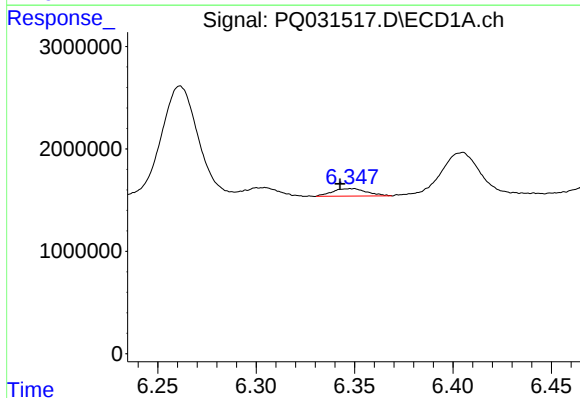
R.T.: 6.304 min
Delta R.T.: 0.005 min
Response: 991865
Conc: 46.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



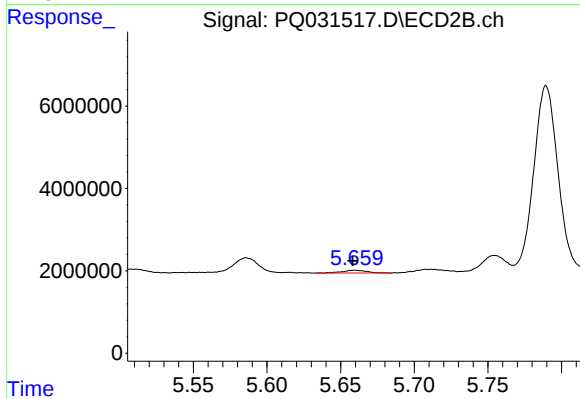
#18 AR-1242-3

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 857922
Conc: 68.66 ng/ml



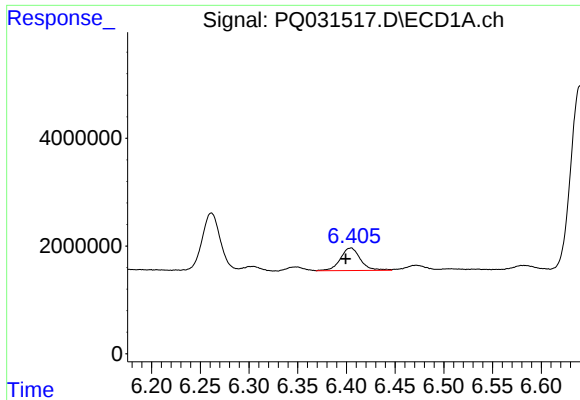
#19 AR-1242-4

R.T.: 6.349 min
Delta R.T.: 0.006 min
Response: 892978
Conc: 57.16 ng/ml



#19 AR-1242-4

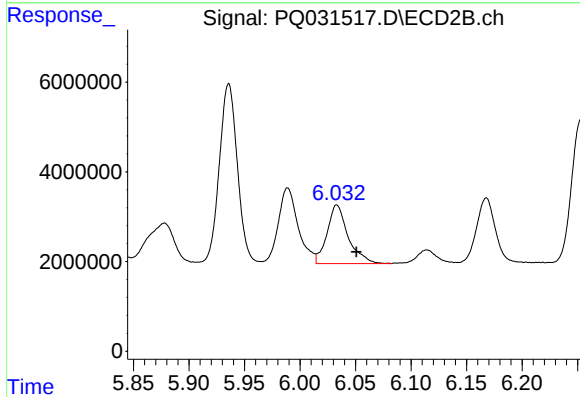
R.T.: 5.660 min
Delta R.T.: 0.002 min
Response: 790252
Conc: 71.82 ng/ml



#20 AR-1242-5

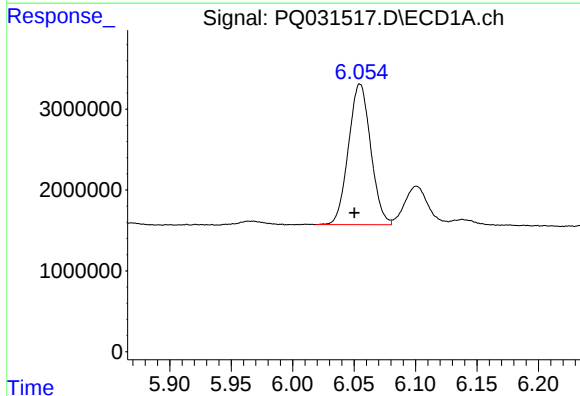
R.T.: 6.405 min
Delta R.T.: 0.005 min
Response: 6031646
Conc: 111.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



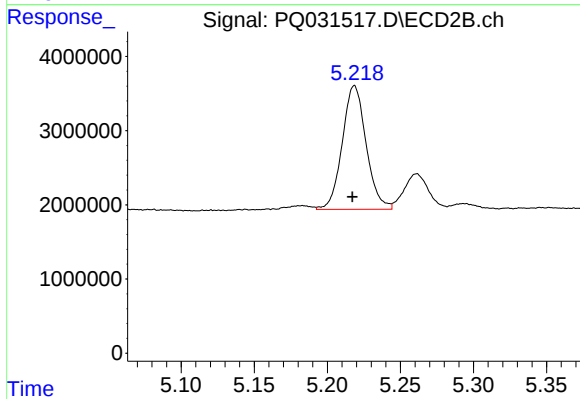
#20 AR-1242-5

R.T.: 6.033 min
Delta R.T.: -0.018 min
Response: 17304387
Conc: 604.09 ng/ml



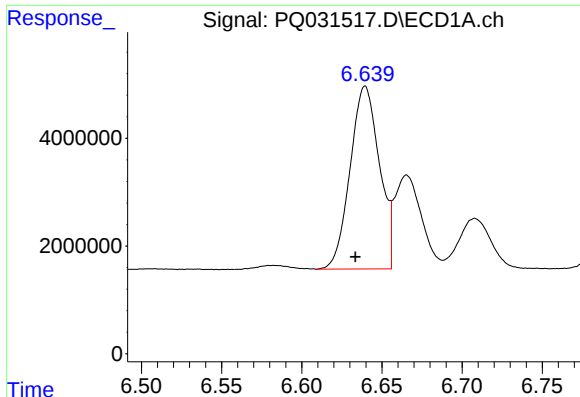
#21 AR-1248-1

R.T.: 6.055 min
Delta R.T.: 0.005 min
Response: 21934478
Conc: 289.07 ng/ml



#21 AR-1248-1

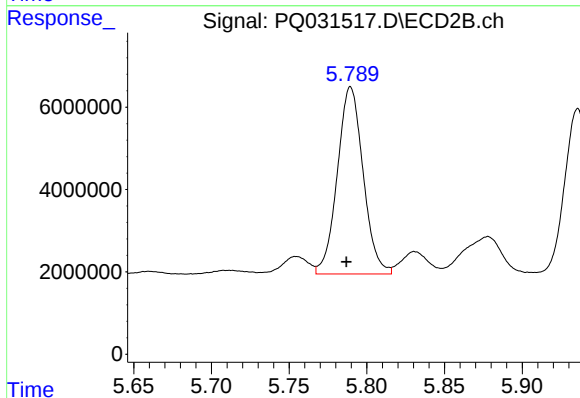
R.T.: 5.219 min
Delta R.T.: 0.001 min
Response: 18978413
Conc: 304.29 ng/ml



#22 AR-1248-2

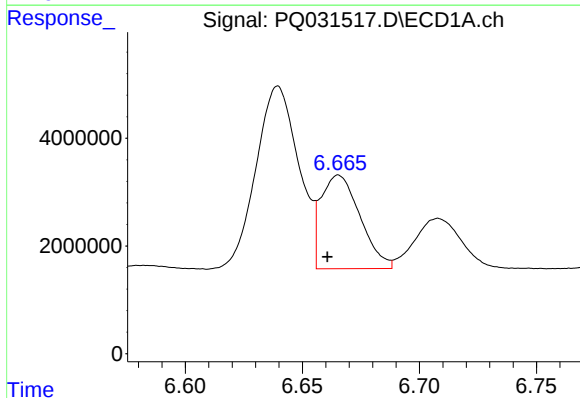
R.T.: 6.640 min
Delta R.T.: 0.006 min
Response: 43187325
Conc: 536.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



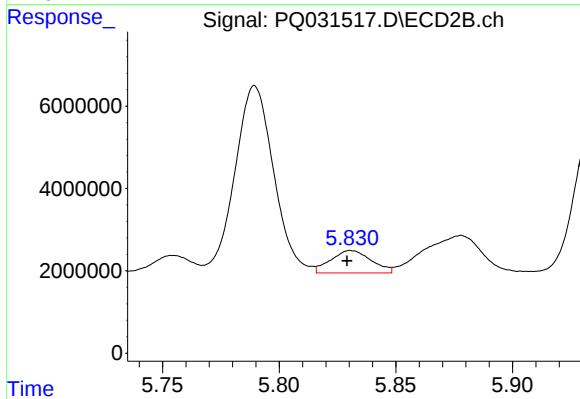
#22 AR-1248-2

R.T.: 5.790 min
Delta R.T.: 0.003 min
Response: 52592641
Conc: 440.85 ng/ml



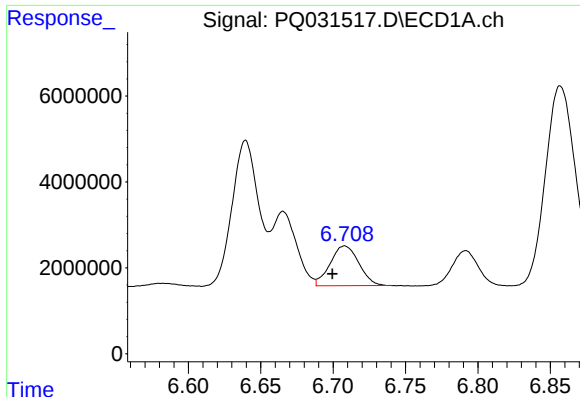
#23 AR-1248-3

R.T.: 6.665 min
Delta R.T.: 0.005 min
Response: 20239432
Conc: 190.01 ng/ml



#23 AR-1248-3

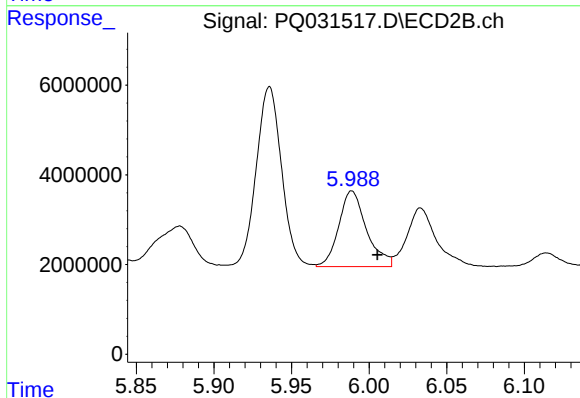
R.T.: 5.831 min
Delta R.T.: 0.002 min
Response: 6553680
Conc: 80.45 ng/ml



#24 AR-1248-4

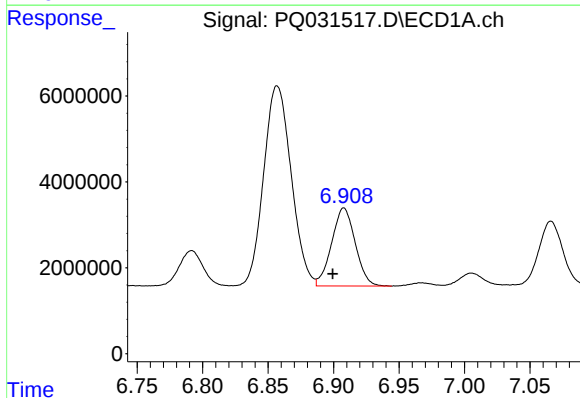
R.T.: 6.708 min
Delta R.T.: 0.009 min
Response: 12828086
Conc: 126.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



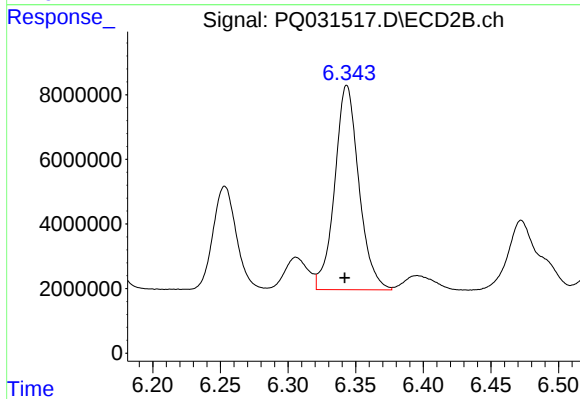
#24 AR-1248-4

R.T.: 5.989 min
Delta R.T.: -0.017 min
Response: 21056249
Conc: 293.44 ng/ml



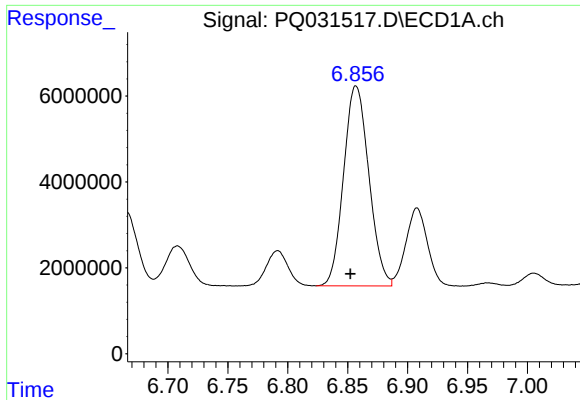
#25 AR-1248-5

R.T.: 6.908 min
Delta R.T.: 0.009 min
Response: 22811027
Conc: 329.27 ng/ml



#25 AR-1248-5

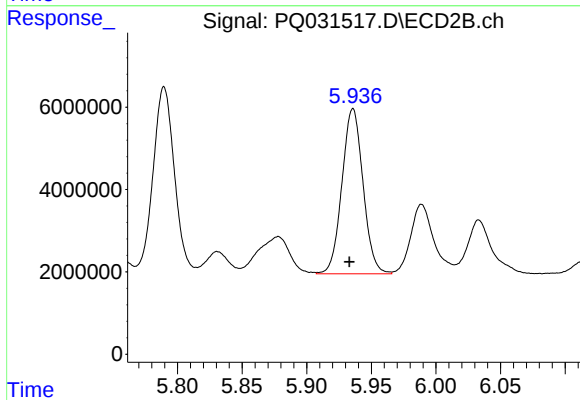
R.T.: 6.343 min
Delta R.T.: 0.002 min
Response: 78781175
Conc: 1360.60 ng/ml



#26 AR-1254-1

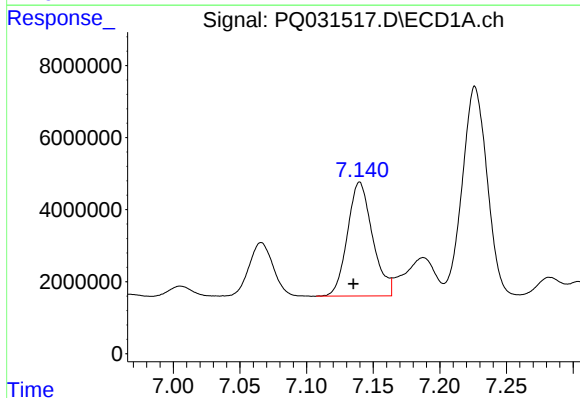
R.T.: 6.857 min
Delta R.T.: 0.005 min
Response: 68225774
Conc: 365.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



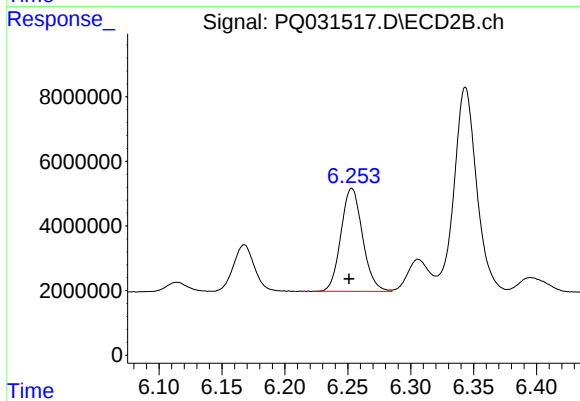
#26 AR-1254-1

R.T.: 5.936 min
Delta R.T.: 0.003 min
Response: 45683029
Conc: 375.45 ng/ml



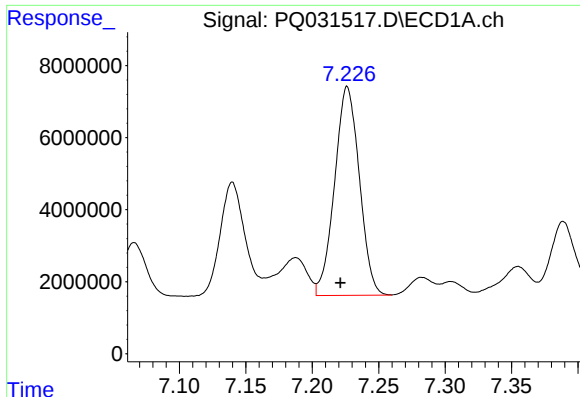
#27 AR-1254-2

R.T.: 7.140 min
Delta R.T.: 0.005 min
Response: 41412353
Conc: 354.49 ng/ml



#27 AR-1254-2

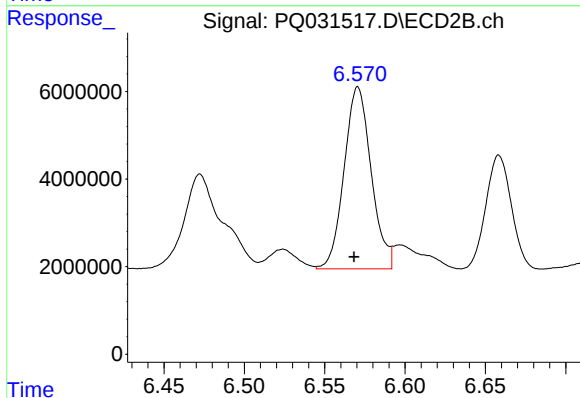
R.T.: 6.253 min
Delta R.T.: 0.002 min
Response: 38114782
Conc: 368.07 ng/ml



#28 AR-1254-3

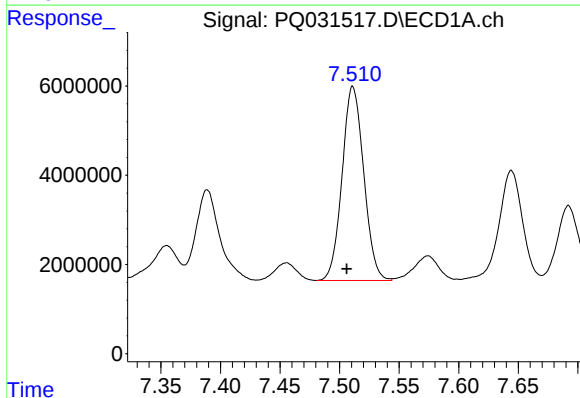
R.T.: 7.226 min
Delta R.T.: 0.005 min
Response: 75106052
Conc: 359.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



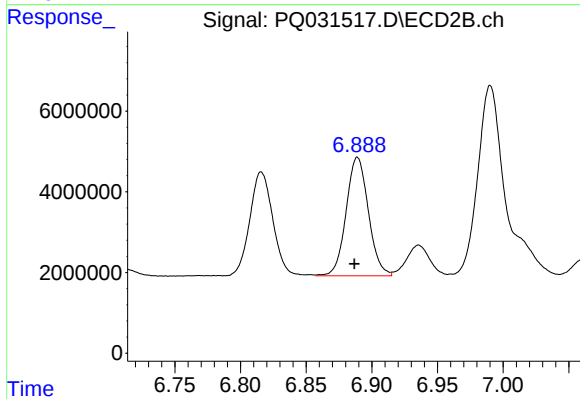
#28 AR-1254-3

R.T.: 6.571 min
Delta R.T.: 0.002 min
Response: 48743008
Conc: 367.83 ng/ml



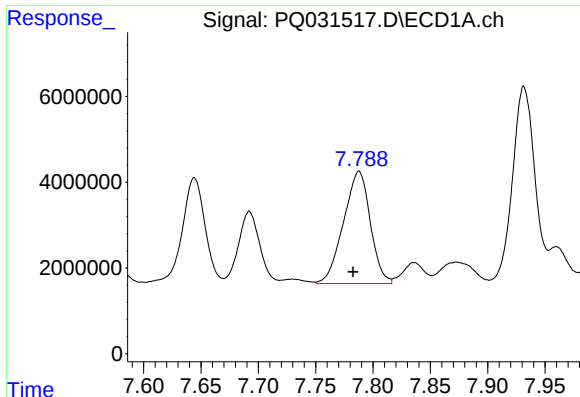
#29 AR-1254-4

R.T.: 7.511 min
Delta R.T.: 0.005 min
Response: 55028752
Conc: 360.18 ng/ml



#29 AR-1254-4

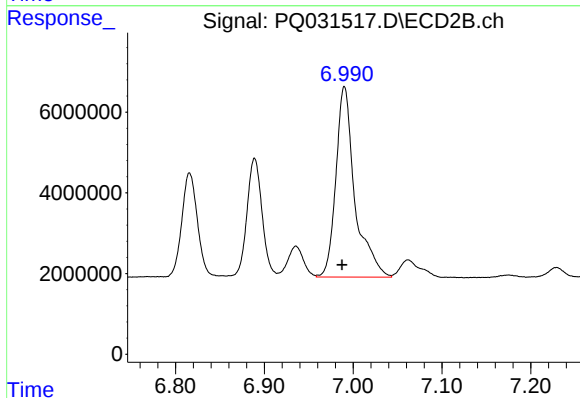
R.T.: 6.889 min
Delta R.T.: 0.002 min
Response: 34712465
Conc: 370.53 ng/ml



#30 AR-1254-5

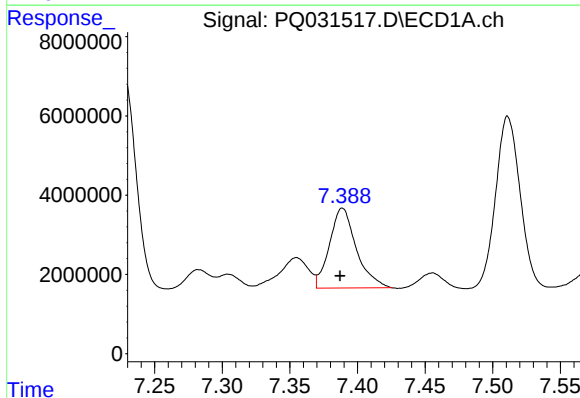
R.T.: 7.788 min
Delta R.T.: 0.005 min
Response: 42574198
Conc: 365.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



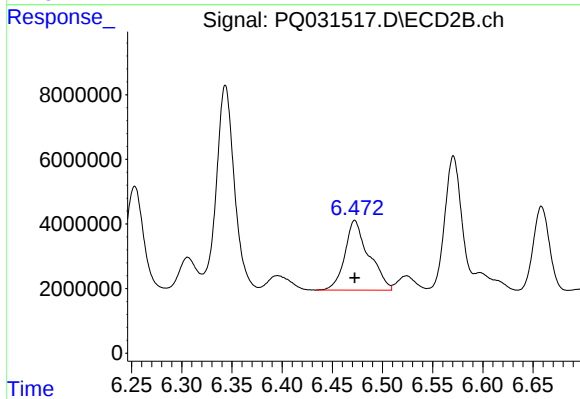
#30 AR-1254-5

R.T.: 6.990 min
Delta R.T.: 0.003 min
Response: 70109550
Conc: 368.97 ng/ml



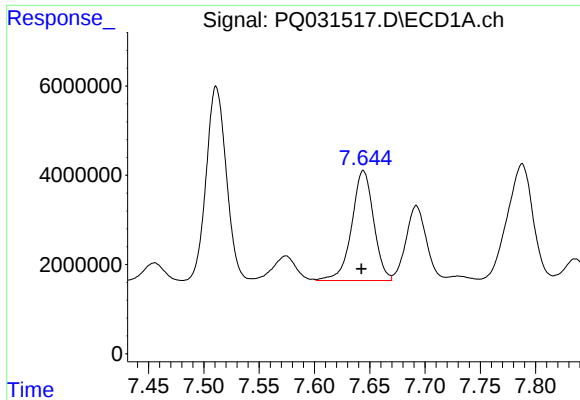
#31 AR-1260-1

R.T.: 7.389 min
Delta R.T.: 0.002 min
Response: 27903827
Conc: 188.93 ng/ml



#31 AR-1260-1

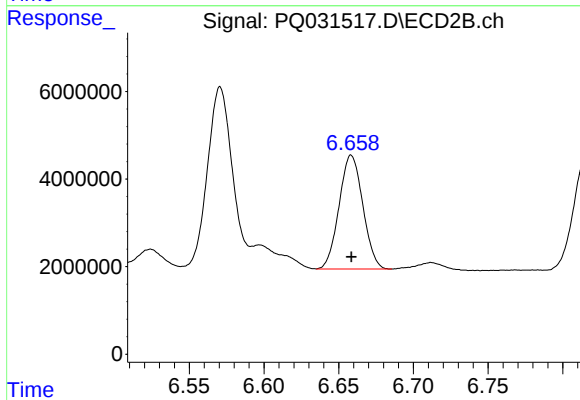
R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 35936895
Conc: 275.44 ng/ml



#32 AR-1260-2

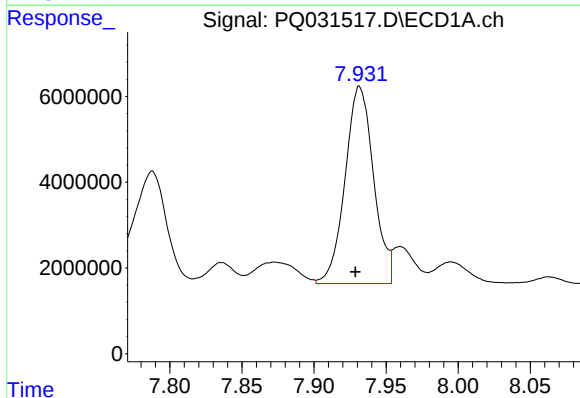
R.T.: 7.644 min
Delta R.T.: 0.002 min
Response: 34048778
Conc: 189.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



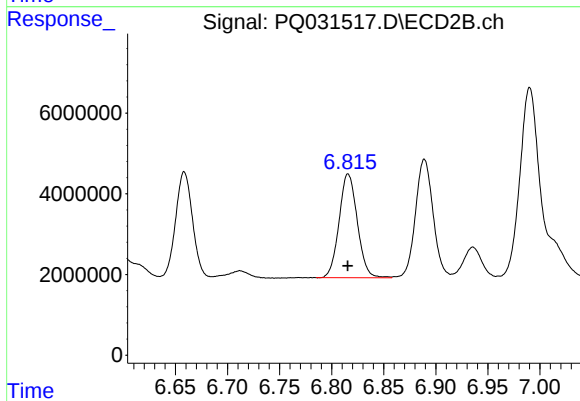
#32 AR-1260-2

R.T.: 6.658 min
Delta R.T.: 0.000 min
Response: 28737481
Conc: 180.13 ng/ml



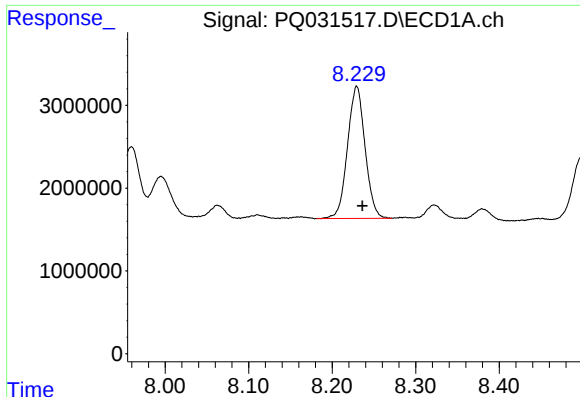
#33 AR-1260-3

R.T.: 7.932 min
Delta R.T.: 0.003 min
Response: 63081235
Conc: 290.79 ng/ml



#33 AR-1260-3

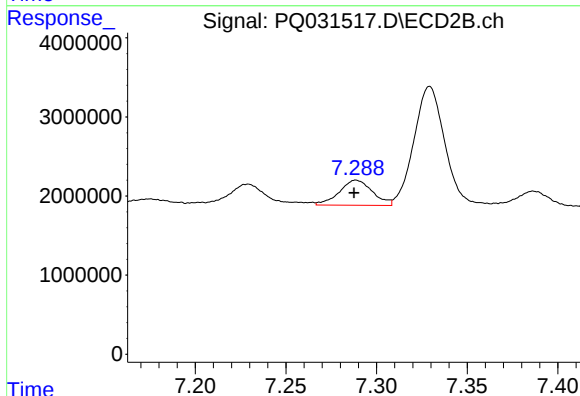
R.T.: 6.816 min
Delta R.T.: 0.000 min
Response: 31357143
Conc: 208.00 ng/ml



#34 AR-1260-4

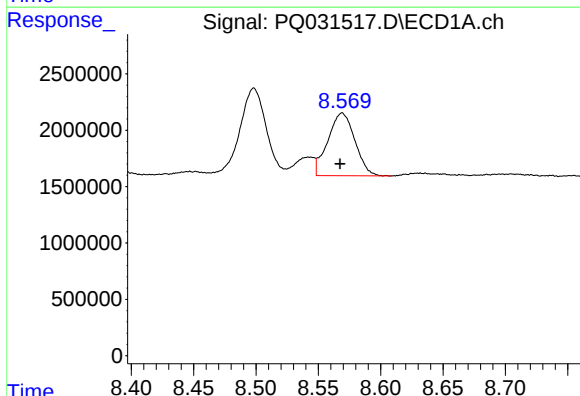
R.T.: 8.230 min
Delta R.T.: -0.007 min
Response: 23291498
Conc: 147.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



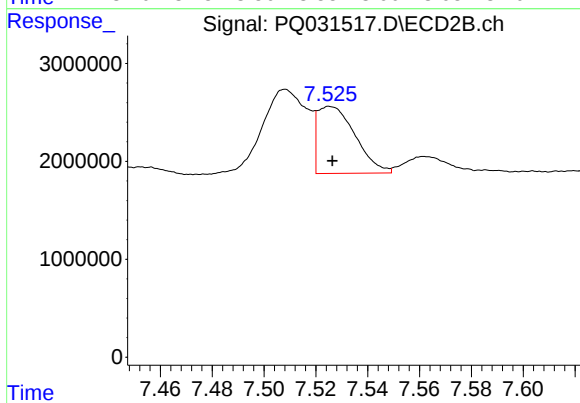
#34 AR-1260-4

R.T.: 7.289 min
Delta R.T.: 0.001 min
Response: 4042405
Conc: 32.24 ng/ml



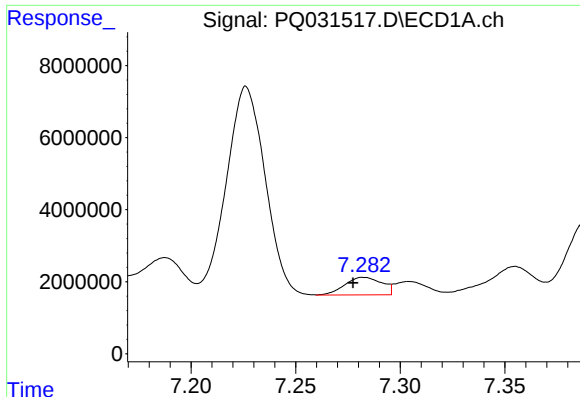
#35 AR-1260-5

R.T.: 8.569 min
Delta R.T.: 0.002 min
Response: 8392273
Conc: 26.12 ng/ml



#35 AR-1260-5

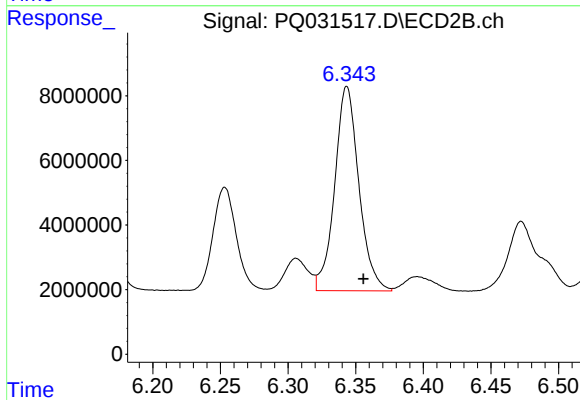
R.T.: 7.526 min
Delta R.T.: 0.000 min
Response: 6935865
Conc: 22.94 ng/ml



#36 AR-1262-1

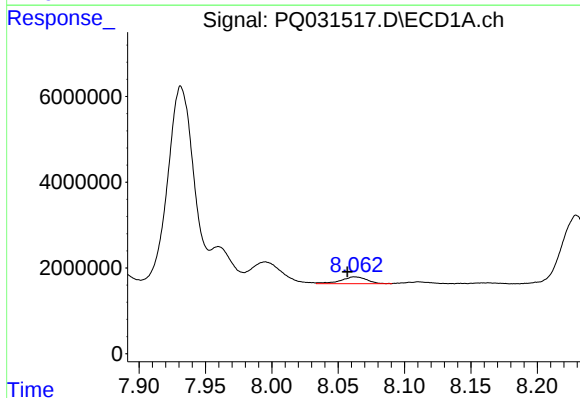
R.T.: 7.282 min
Delta R.T.: 0.005 min
Response: 6012182
Conc: 74.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



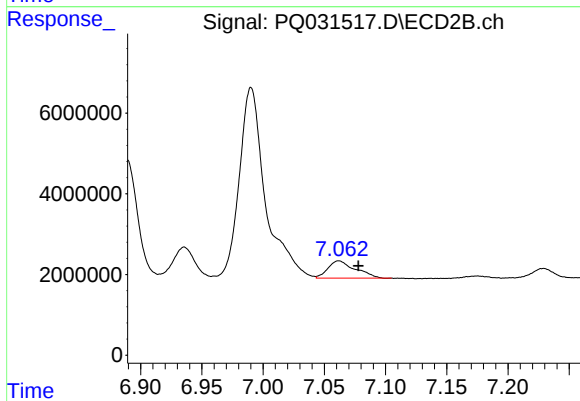
#36 AR-1262-1

R.T.: 6.343 min
Delta R.T.: -0.012 min
Response: 78781175
Conc: 1053.11 ng/ml



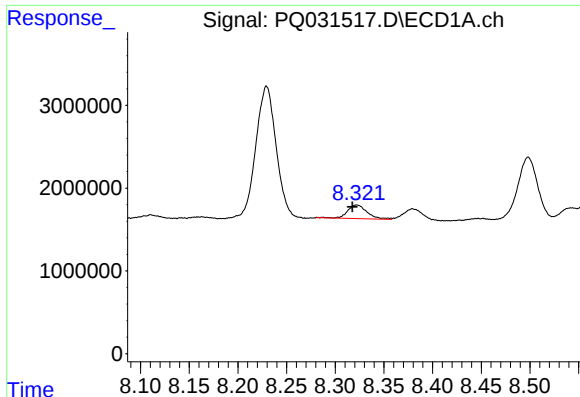
#37 AR-1262-2

R.T.: 8.063 min
Delta R.T.: 0.006 min
Response: 2106064
Conc: 25.94 ng/ml



#37 AR-1262-2

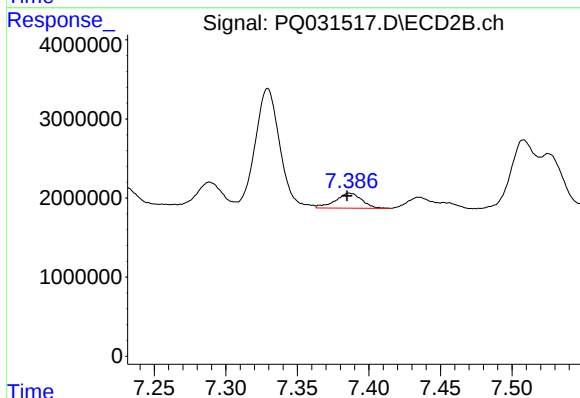
R.T.: 7.062 min
Delta R.T.: -0.016 min
Response: 6633926
Conc: 90.77 ng/ml



#38 AR-1262-3

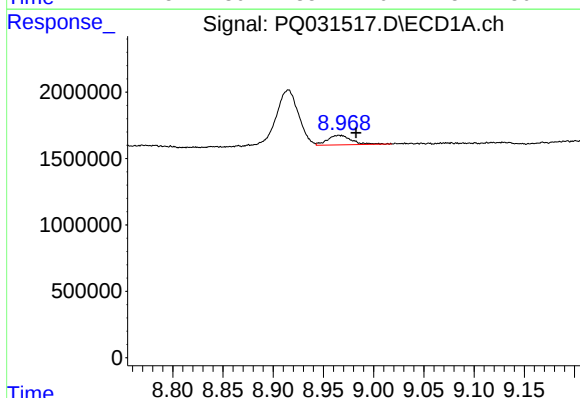
R.T.: 8.322 min
Delta R.T.: 0.004 min
Response: 2260344
Conc: 25.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



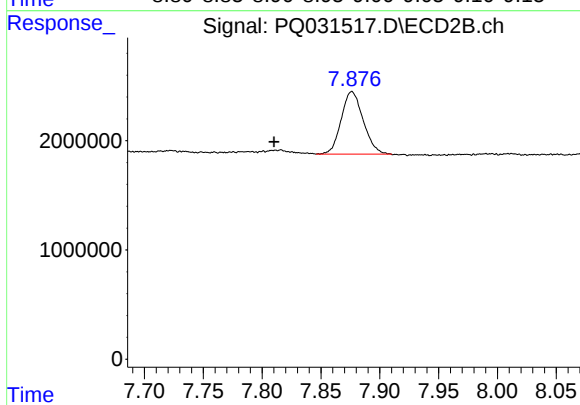
#38 AR-1262-3

R.T.: 7.387 min
Delta R.T.: 0.002 min
Response: 2423168
Conc: 32.00 ng/ml



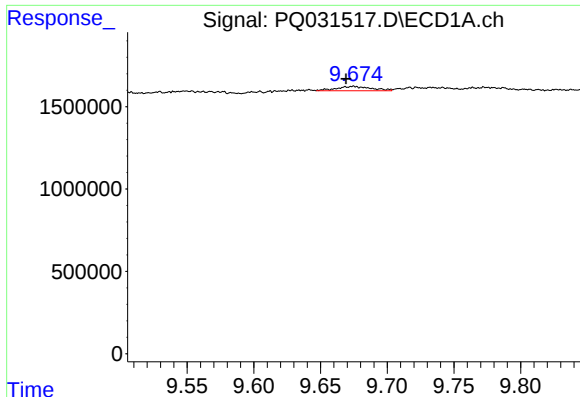
#39 AR-1262-4

R.T.: 8.966 min
Delta R.T.: -0.017 min
Response: 1184292
Conc: 6.51 ng/ml



#39 AR-1262-4

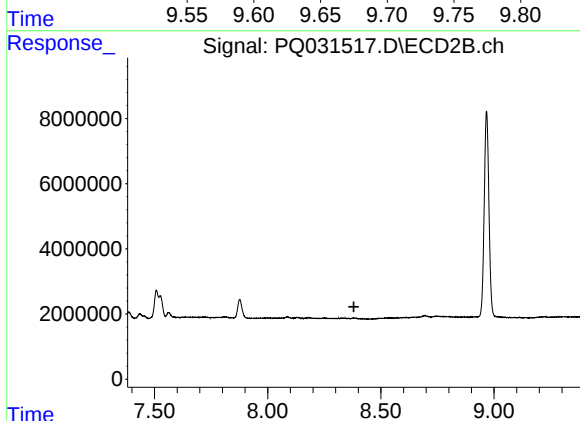
R.T.: 7.876 min
Delta R.T.: 0.066 min
Response: 7429311
Conc: 52.80 ng/ml



#40 AR-1262-5

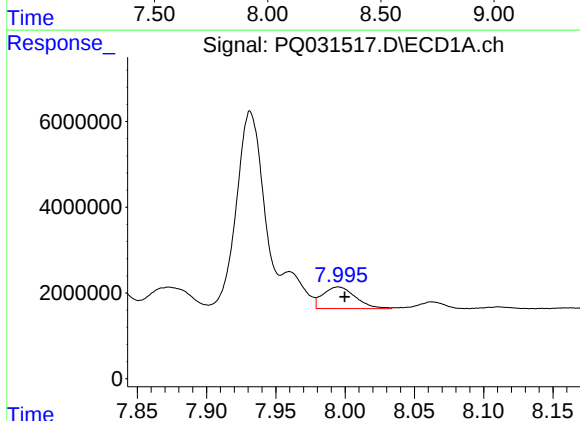
R.T.: 9.675 min
Delta R.T.: 0.006 min
Response: 481314
Conc: 3.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



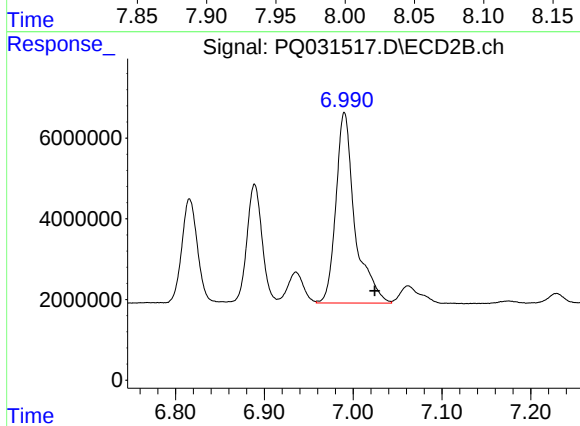
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.381 min
Response: 0
Conc: N.D.



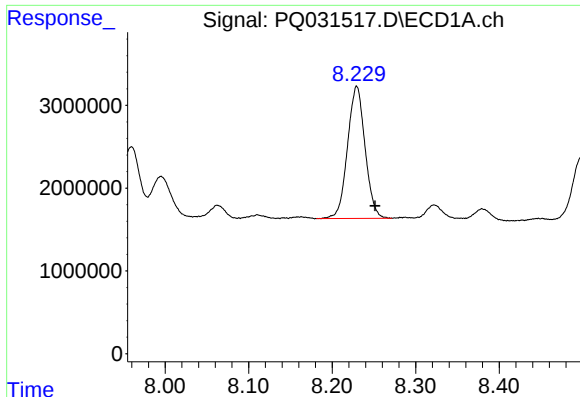
#41 AR-1268-1

R.T.: 7.995 min
Delta R.T.: -0.005 min
Response: 8255175
Conc: 91.16 ng/ml



#41 AR-1268-1

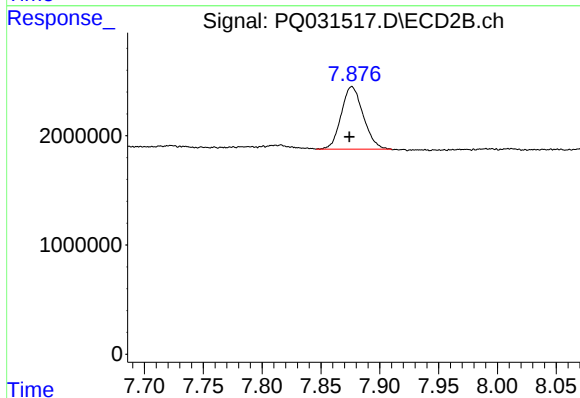
R.T.: 6.990 min
Delta R.T.: -0.034 min
Response: 70109550
Conc: 848.22 ng/ml



#42 AR-1268-2

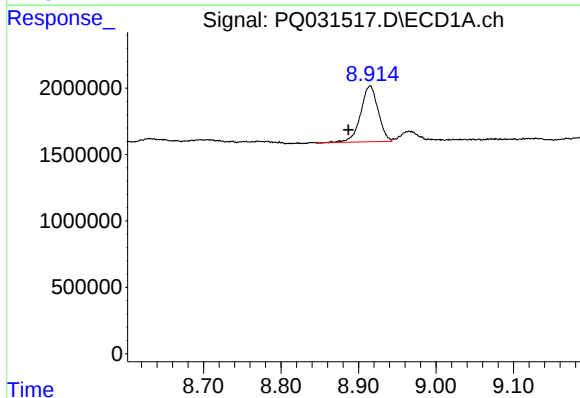
R.T.: 8.230 min
Delta R.T.: -0.022 min
Response: 23291498
Conc: 196.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



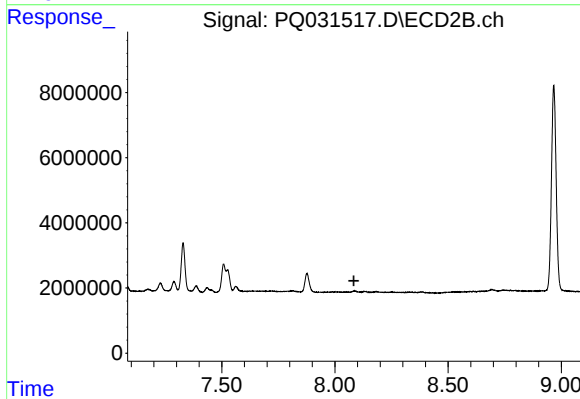
#42 AR-1268-2

R.T.: 7.876 min
Delta R.T.: 0.002 min
Response: 7429311
Conc: 17.33 ng/ml



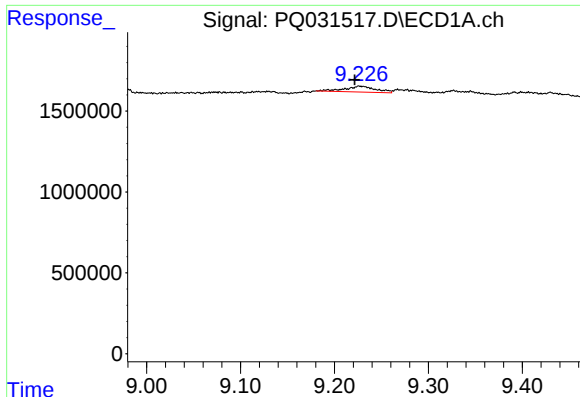
#43 AR-1268-3

R.T.: 8.915 min
Delta R.T.: 0.028 min
Response: 6566672
Conc: 12.81 ng/ml



#43 AR-1268-3

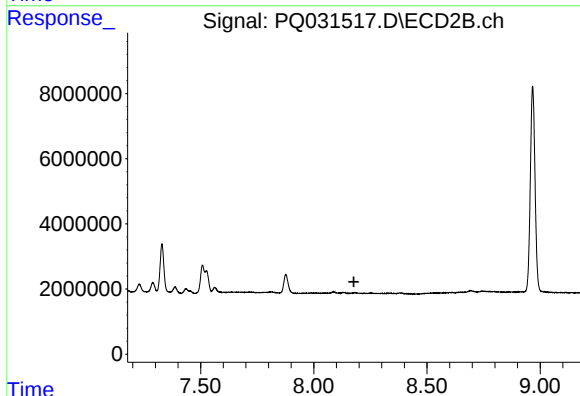
R.T.: 0.000 min
Exp R.T.: 8.084 min
Response: 0
Conc: N.D.



#44 AR-1268-4

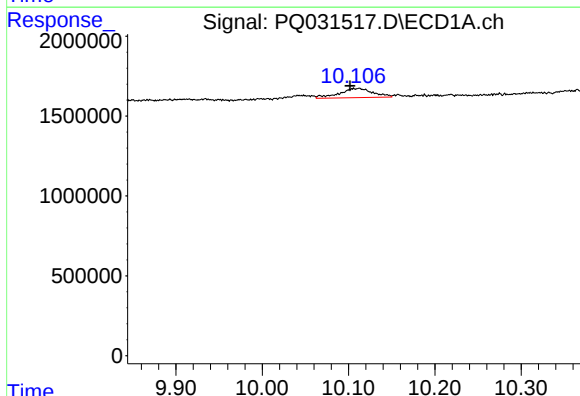
R.T.: 9.227 min
Delta R.T.: 0.005 min
Response: 836919
Conc: 2.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



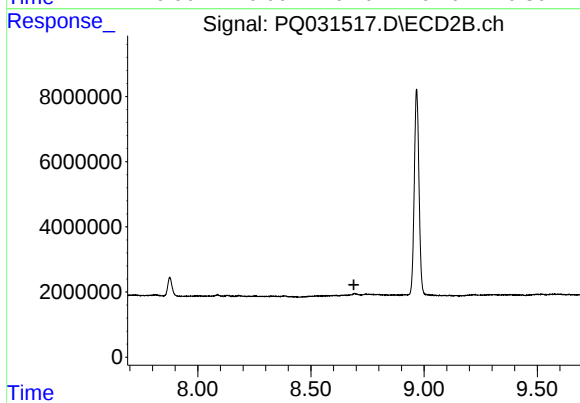
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.177 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.112 min
Delta R.T.: 0.010 min
Response: 1557305
Conc: 1.30 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.690 min
Response: 0
Conc: N.D.