

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092118\
 Data File : PQ032161.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Sep 2018 20:49
 Operator : SM\SJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 00:59:20 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092018CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 21 05:45:25 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...	4.595	3.874	43339700	36616840	20.493	20.965
2)	SA Decachlor...	10.450	8.948	91313637	82513856	43.422	44.499
Target Compounds							
3)	L1 AR-1016-1	5.772	4.972	811927	723354	10.906	11.012
4)	L1 AR-1016-2	5.800	4.989	1226208	561004	10.906	5.998 #
5)	L1 AR-1016-3	5.860	5.169	323541	442991	4.808	9.127 #
6)	L1 AR-1016-4	5.958	5.208	422246	19035271	7.688	515.301 #
7)	L1 AR-1016-5	6.253	5.425	13267637	11741916	231.501	229.974
9)	L2 AR-1221-2	4.906	4.180	330651	569775	22.646	46.040 #
10)	L2 AR-1221-3	4.906	0.000	330651	0	6.448	N.D. #
11)	L3 AR-1232-1	4.906	0.000	330651	0	9.290	N.D. #
12)	L3 AR-1232-2	5.503	4.989	392716	561004	21.246	16.960
13)	L3 AR-1232-3	5.800	5.169	1226208	442991	31.897	26.487
14)	L3 AR-1232-4	5.958	5.250	422246	5667441	23.304	380.493 #
15)	L3 AR-1232-5	6.046	5.425	21973453	11741916	1567.008	734.141 #
16)	L4 AR-1242-1	5.772	4.972	811927	723354	16.020	15.878
17)	L4 AR-1242-2	5.800	4.989	1226208	561004	16.044	8.827 #
18)	L4 AR-1242-3	5.860	5.169	323541	442991	6.905	12.996 #
19)	L4 AR-1242-4	5.958	5.250	422246	5667441	11.273	168.212 #
20)	L4 AR-1242-5	6.700	5.778	12680807	50903849	291.554	1151.385 #
21)	L5 AR-1248-1	5.772	4.972	811927	723354	17.234	17.590
22)	L5 AR-1248-2	6.046	5.208	21973453	19035271	320.022	339.051
23)	L5 AR-1248-3	6.253	5.250	13267637	5667441	170.004	98.323 #
24)	L5 AR-1248-4	6.657	5.425	20157091	11741916	221.239	164.950 #
25)	L5 AR-1248-5	6.700	5.820	12680807	5949926	146.932	83.766 #
26)	L6 AR-1254-1	6.630	5.778	42029427	50903849	428.074	426.659
27)	L6 AR-1254-2	6.849	5.924	66353548	44029572	428.490	420.350
28)	L6 AR-1254-3	7.217	6.332	72986248	76835083	432.966	432.065
29)	L6 AR-1254-4	7.504	6.559	53016194	47922742	423.920	421.111
30)	L6 AR-1254-5	7.924	6.977	59166824	66406814	428.646	427.767
31)	L7 AR-1260-1	7.380	6.461	27750980	35731526	223.732	319.435 #
32)	L7 AR-1260-2	7.636	6.647	32496599	29029398	221.303	213.550
33)	L7 AR-1260-3	7.987	6.804	7469490	29710575	70.767	236.542 #
34)	L7 AR-1260-4	8.221	7.276	22787073	3883419	187.370	38.113 #
35)	L7 AR-1260-5	8.560	7.513	8196243	7422227	33.906	30.055
36)	L8 AR-1262-1	7.987	7.049	7469490	6561154	52.696	47.042
37)	L8 AR-1262-2	8.560	7.513	8196243	7422227	31.446	28.298
38)	L8 AR-1262-3	8.905	7.863	6867565	7318859	39.471	74.921 #
39)	L8 AR-1262-4	8.956	7.863	2003495	7318859	15.415	39.067 #
40)	L8 AR-1262-5	9.664	0.000	614622	0	6.596	N.D. #
41)	L9 AR-1268-1	8.905	7.863	6867565	7318859	19.768	21.877
42)	L9 AR-1268-2	8.956	7.863	2003495	7318859	6.347	24.310 #

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 Response via : Initial Calibration
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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	9.216	8.072	693553	796692	2.596	3.200
44) L9	AR-1268-4	9.664	0.000	614622	0	5.295	N.D. #
45) L9	AR-1268-5	10.096	8.677	884760	669463	1.030	0.844

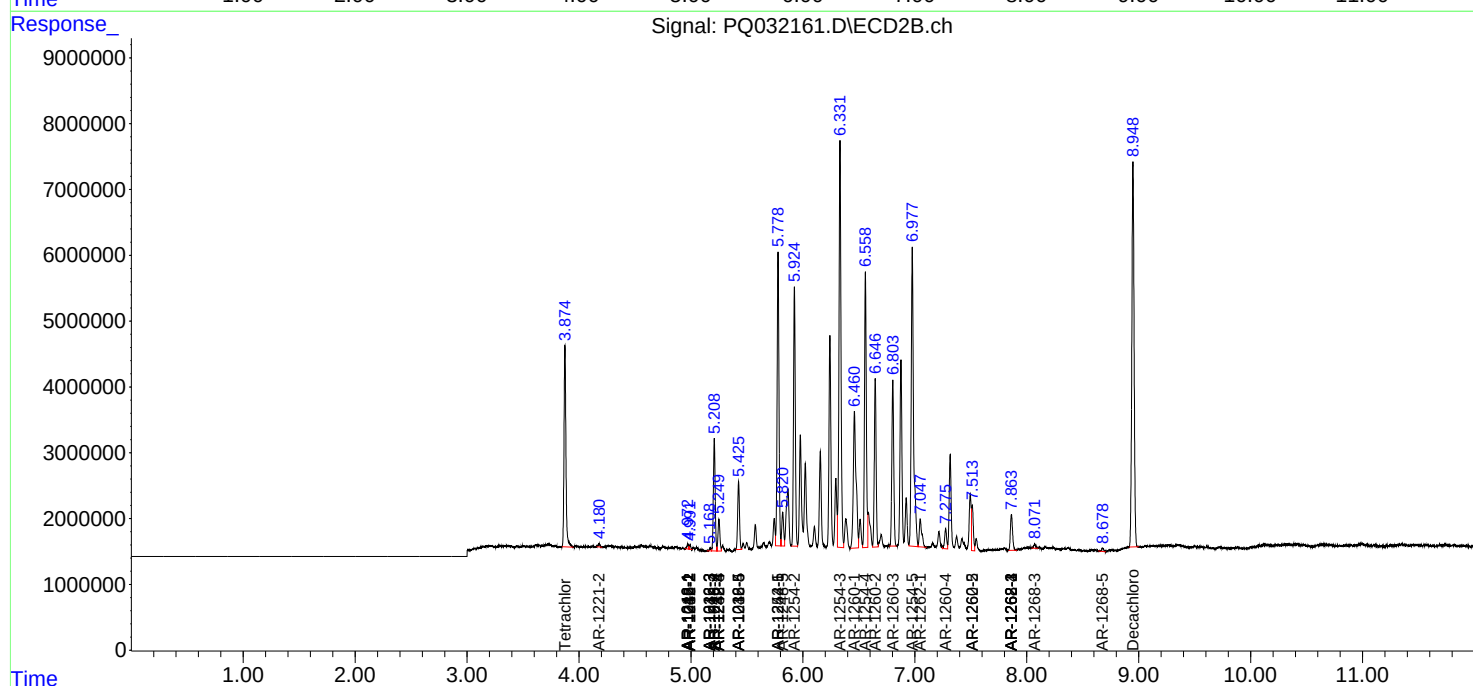
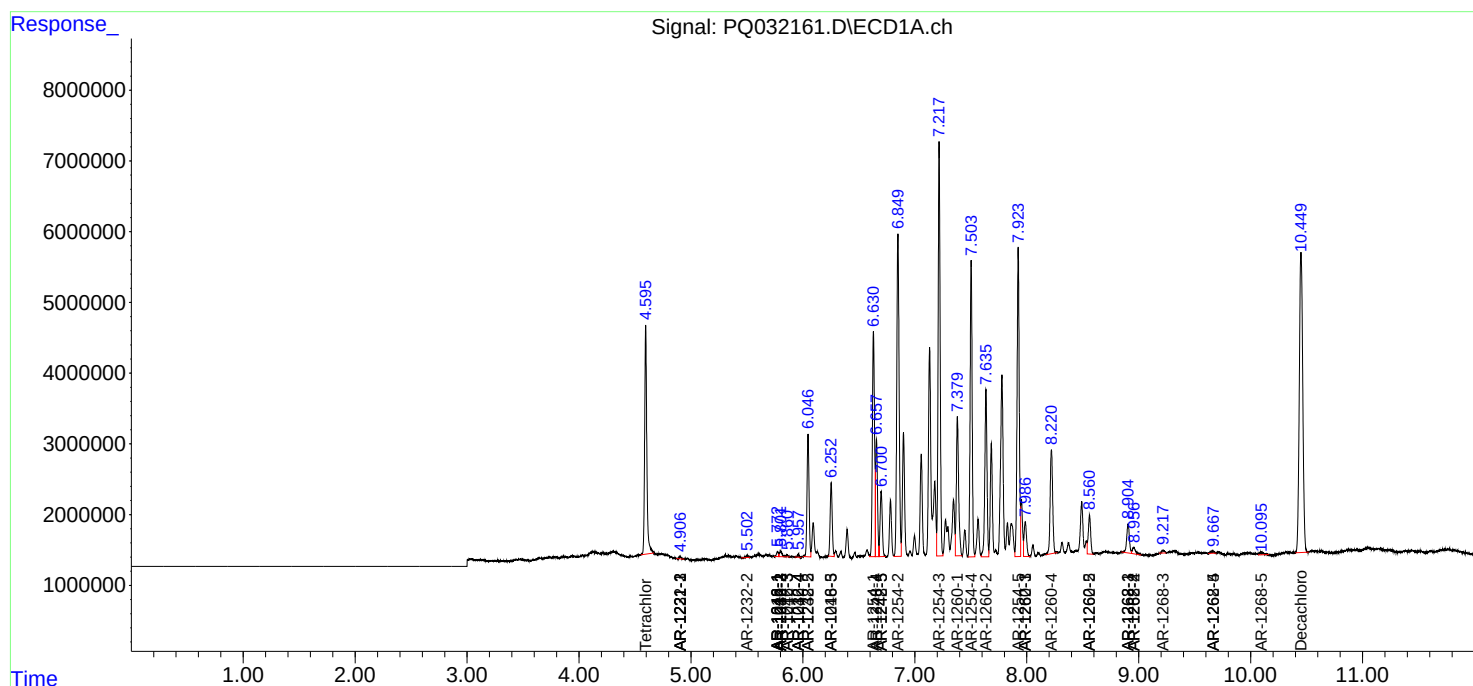
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

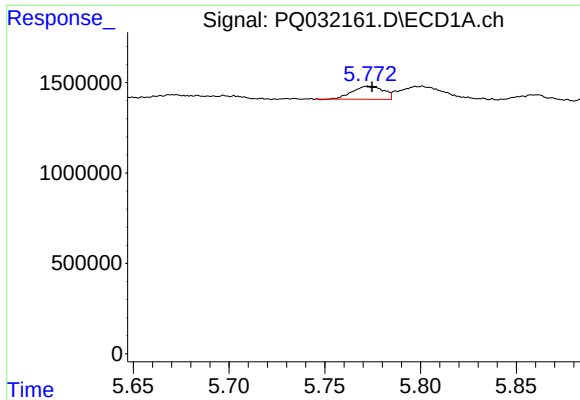
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092118\
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

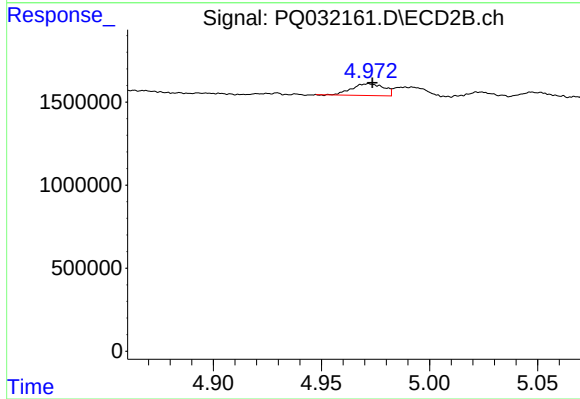




#3 AR-1016-1

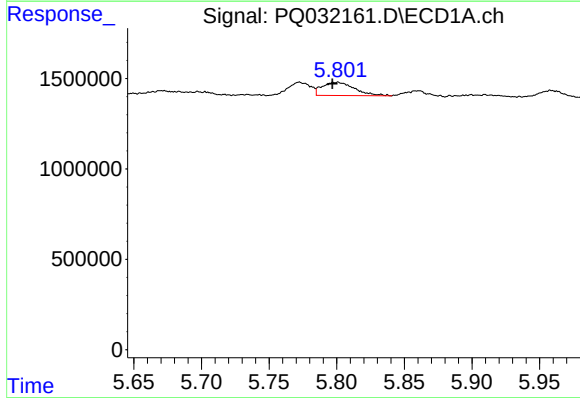
R.T.: 5.772 min
Delta R.T.: -0.002 min
Response: 811927
Conc: 10.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



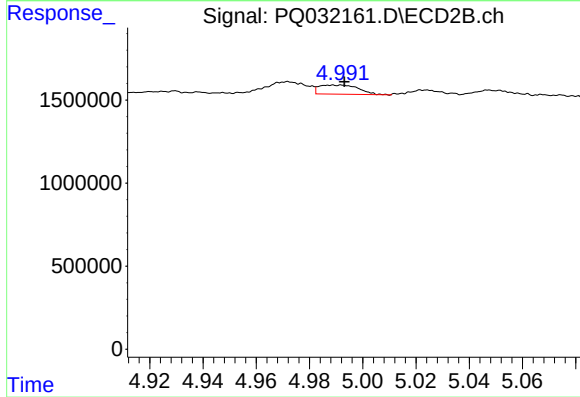
#3 AR-1016-1

R.T.: 4.972 min
Delta R.T.: -0.002 min
Response: 723354
Conc: 11.01 ng/ml



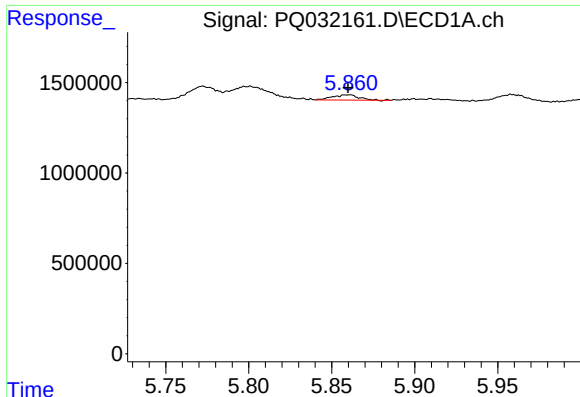
#4 AR-1016-2

R.T.: 5.800 min
Delta R.T.: 0.004 min
Response: 1226208
Conc: 10.91 ng/ml



#4 AR-1016-2

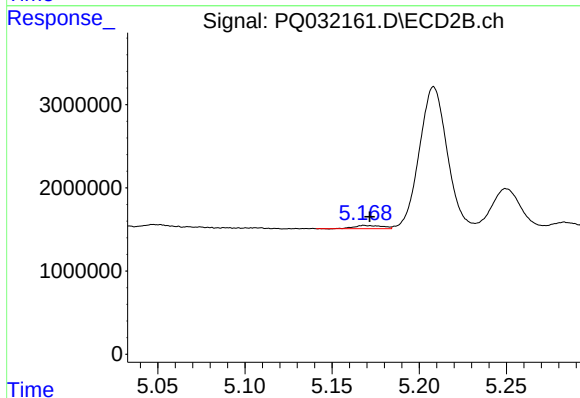
R.T.: 4.989 min
Delta R.T.: -0.004 min
Response: 561004
Conc: 6.00 ng/ml



#5 AR-1016-3

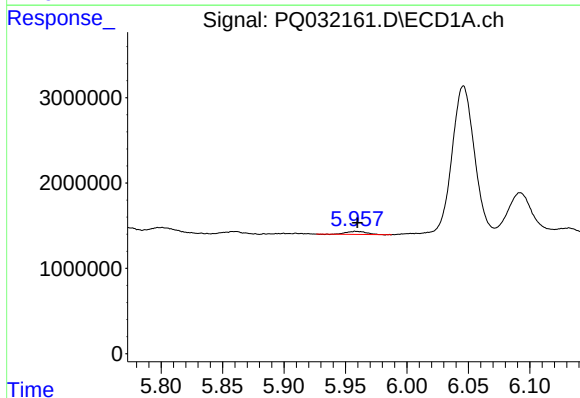
R.T.: 5.860 min
Delta R.T.: 0.000 min
Response: 323541
Conc: 4.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



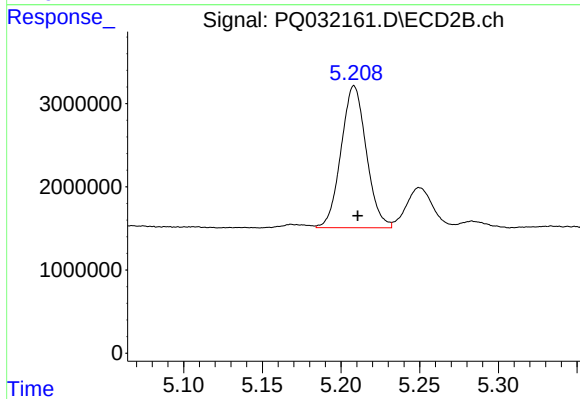
#5 AR-1016-3

R.T.: 5.169 min
Delta R.T.: -0.003 min
Response: 442991
Conc: 9.13 ng/ml



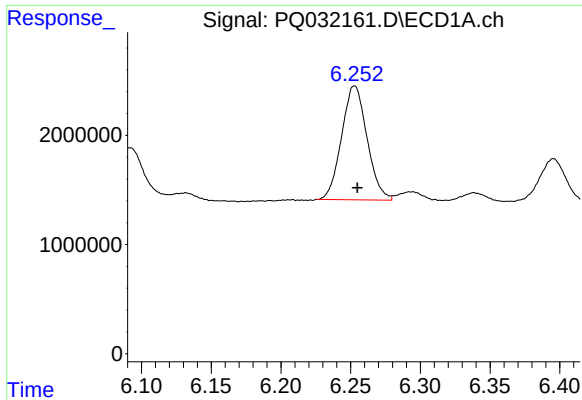
#6 AR-1016-4

R.T.: 5.958 min
Delta R.T.: -0.001 min
Response: 422246
Conc: 7.69 ng/ml



#6 AR-1016-4

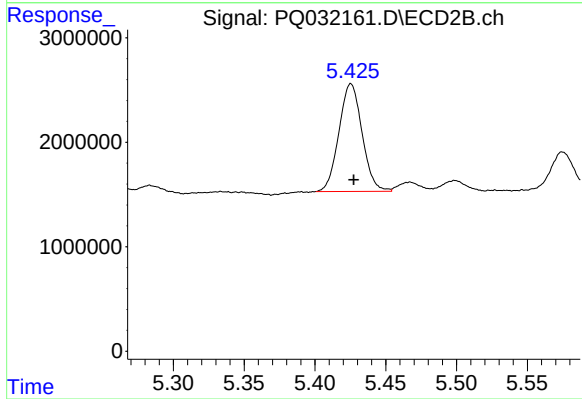
R.T.: 5.208 min
Delta R.T.: -0.002 min
Response: 19035271
Conc: 515.30 ng/ml



#7 AR-1016-5

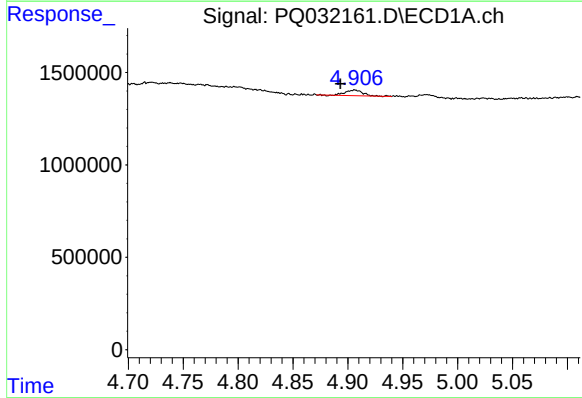
R.T.: 6.253 min
Delta R.T.: -0.002 min
Response: 13267637
Conc: 231.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



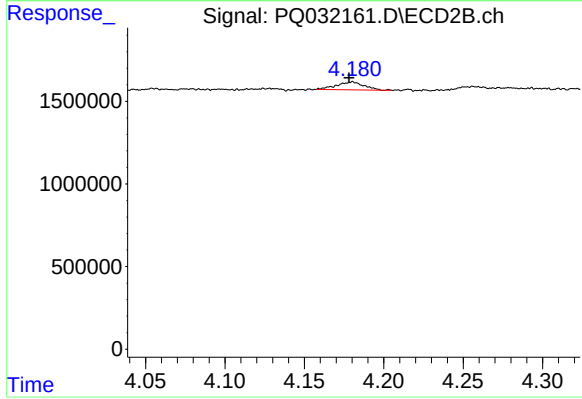
#7 AR-1016-5

R.T.: 5.425 min
Delta R.T.: -0.002 min
Response: 11741916
Conc: 229.97 ng/ml



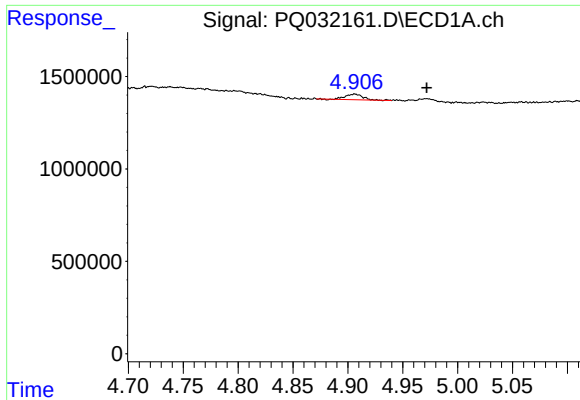
#9 AR-1221-2

R.T.: 4.906 min
Delta R.T.: 0.013 min
Response: 330651
Conc: 22.65 ng/ml



#9 AR-1221-2

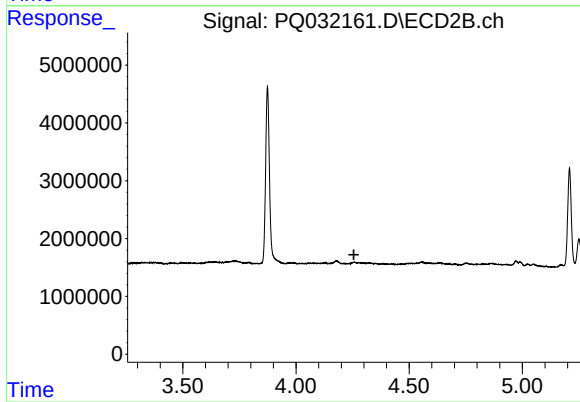
R.T.: 4.180 min
Delta R.T.: 0.002 min
Response: 569775
Conc: 46.04 ng/ml



#10 AR-1221-3

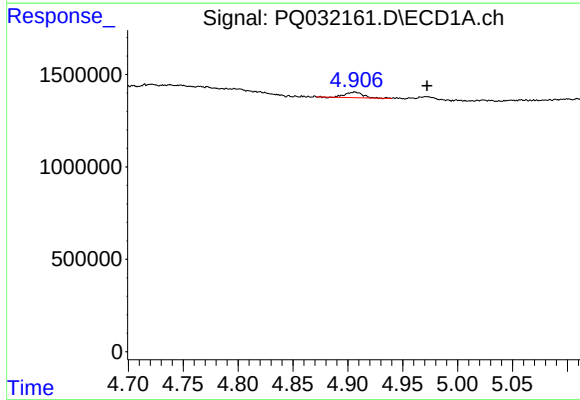
R.T.: 4.906 min
Delta R.T.: -0.066 min
Response: 330651
Conc: 6.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



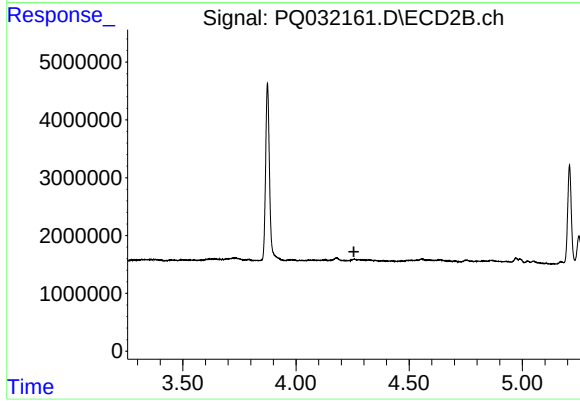
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.256 min
Response: 0
Conc: N.D.



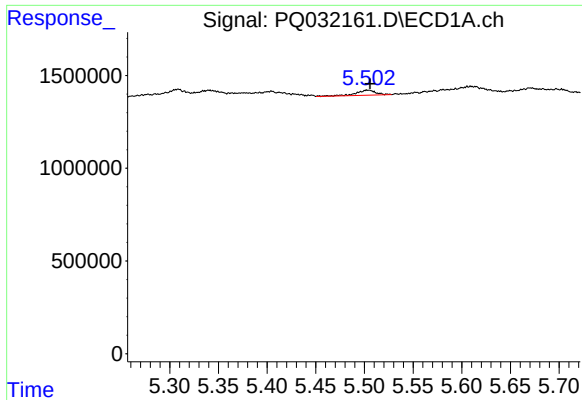
#11 AR-1232-1

R.T.: 4.906 min
Delta R.T.: -0.066 min
Response: 330651
Conc: 9.29 ng/ml



#11 AR-1232-1

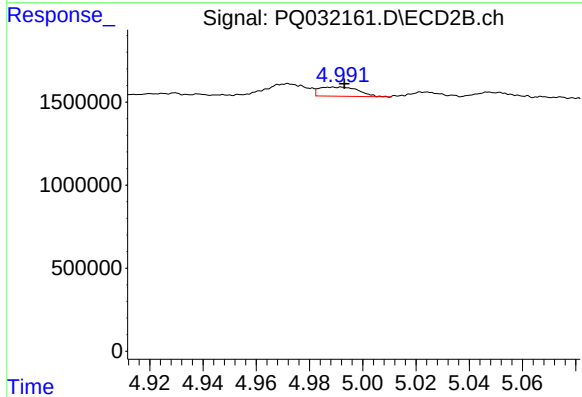
R.T.: 0.000 min
Exp R.T. : 4.256 min
Response: 0
Conc: N.D.



#12 AR-1232-2

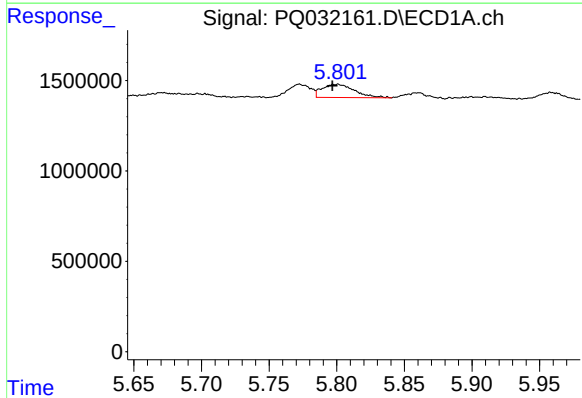
R.T.: 5.503 min
Delta R.T.: -0.002 min
Response: 392716
Conc: 21.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



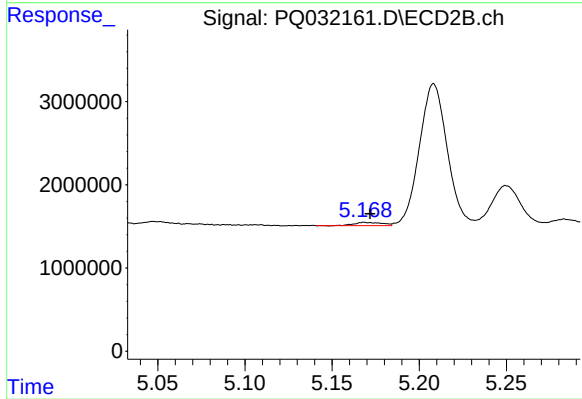
#12 AR-1232-2

R.T.: 4.989 min
Delta R.T.: -0.004 min
Response: 561004
Conc: 16.96 ng/ml



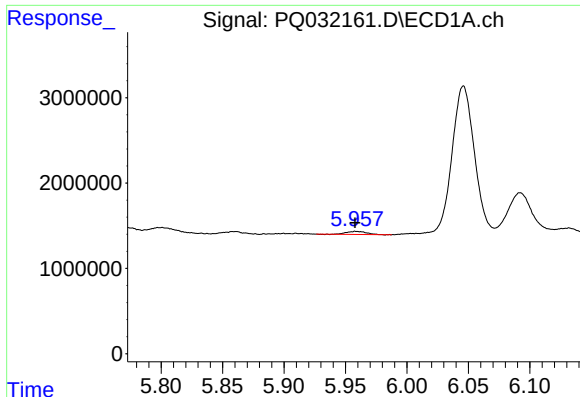
#13 AR-1232-3

R.T.: 5.800 min
Delta R.T.: 0.003 min
Response: 1226208
Conc: 31.90 ng/ml



#13 AR-1232-3

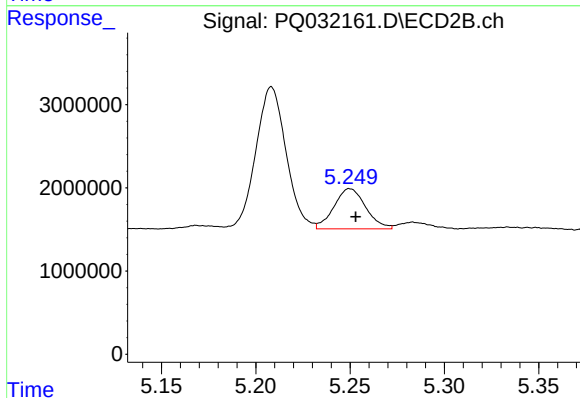
R.T.: 5.169 min
Delta R.T.: -0.003 min
Response: 442991
Conc: 26.49 ng/ml



#14 AR-1232-4

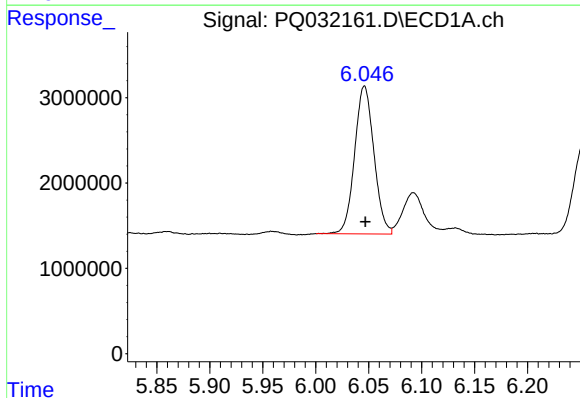
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 422246
Conc: 23.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



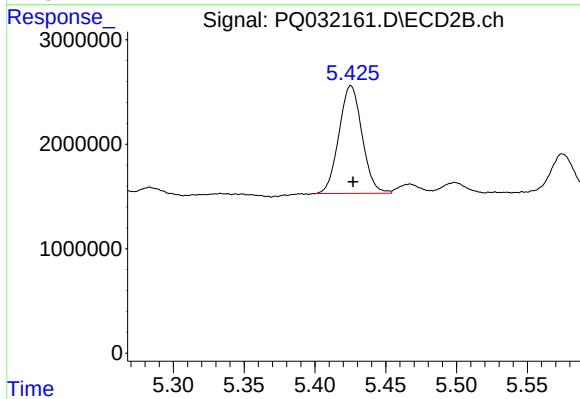
#14 AR-1232-4

R.T.: 5.250 min
Delta R.T.: -0.003 min
Response: 5667441
Conc: 380.49 ng/ml



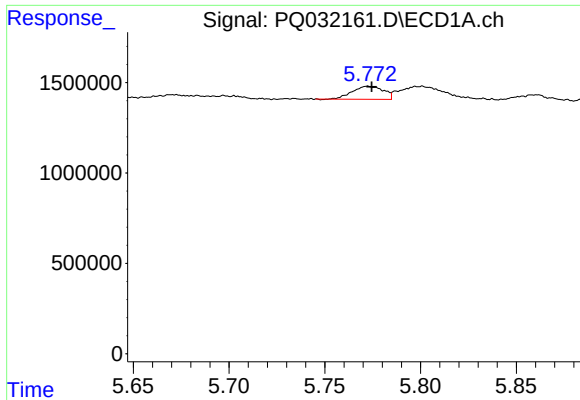
#15 AR-1232-5

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 21973453
Conc: 1567.01 ng/ml



#15 AR-1232-5

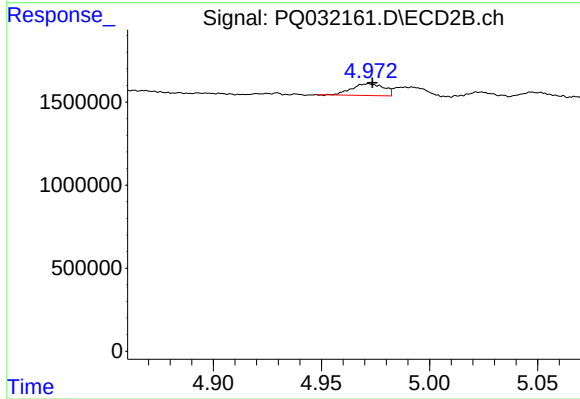
R.T.: 5.425 min
Delta R.T.: -0.001 min
Response: 11741916
Conc: 734.14 ng/ml



#16 AR-1242-1

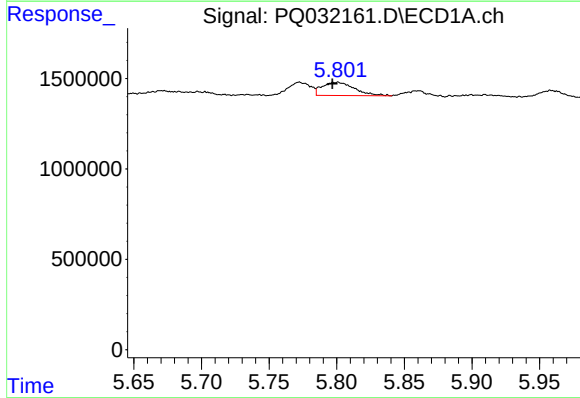
R.T.: 5.772 min
Delta R.T.: -0.002 min
Response: 811927
Conc: 16.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



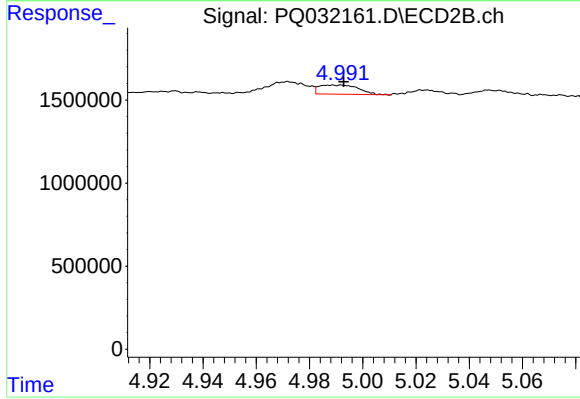
#16 AR-1242-1

R.T.: 4.972 min
Delta R.T.: -0.002 min
Response: 723354
Conc: 15.88 ng/ml



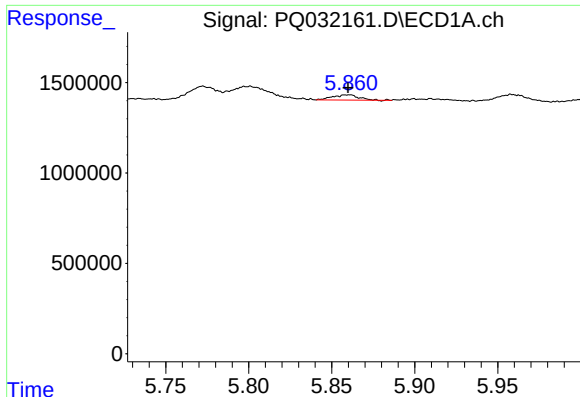
#17 AR-1242-2

R.T.: 5.800 min
Delta R.T.: 0.003 min
Response: 1226208
Conc: 16.04 ng/ml



#17 AR-1242-2

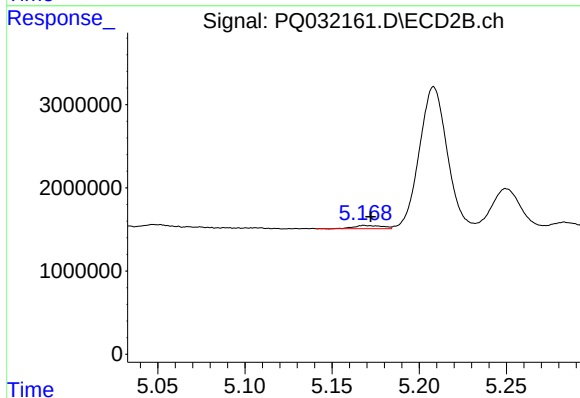
R.T.: 4.989 min
Delta R.T.: -0.004 min
Response: 561004
Conc: 8.83 ng/ml



#18 AR-1242-3

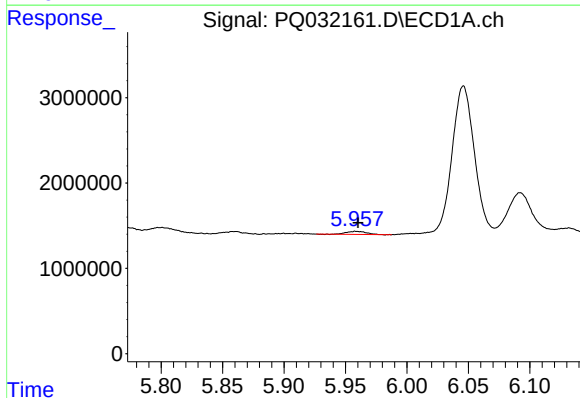
R.T.: 5.860 min
Delta R.T.: 0.000 min
Response: 323541
Conc: 6.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



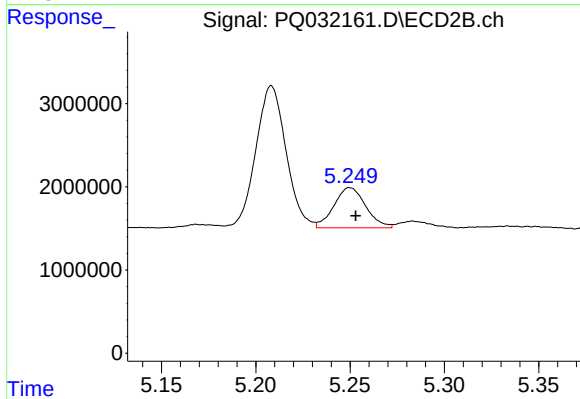
#18 AR-1242-3

R.T.: 5.169 min
Delta R.T.: -0.003 min
Response: 442991
Conc: 13.00 ng/ml



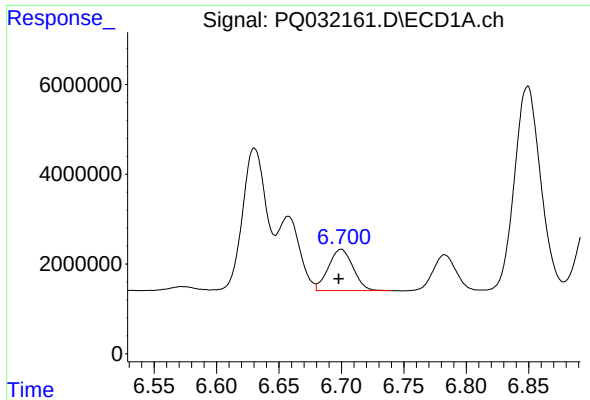
#19 AR-1242-4

R.T.: 5.958 min
Delta R.T.: -0.002 min
Response: 422246
Conc: 11.27 ng/ml



#19 AR-1242-4

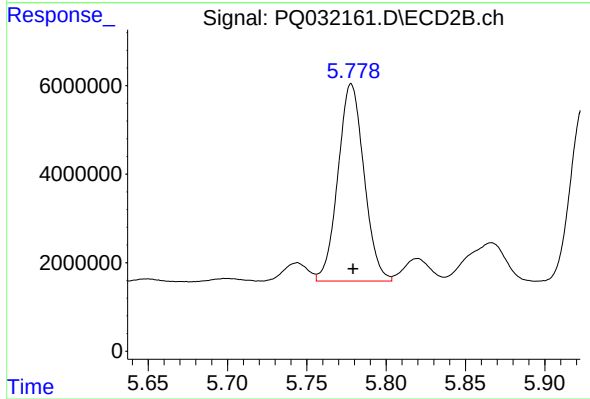
R.T.: 5.250 min
Delta R.T.: -0.003 min
Response: 5667441
Conc: 168.21 ng/ml



#20 AR-1242-5

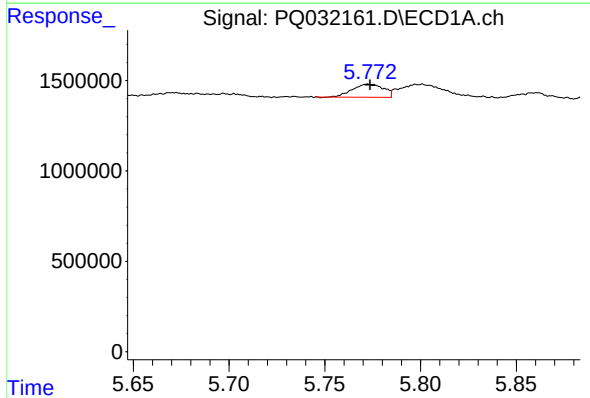
R.T.: 6.700 min
Delta R.T.: 0.002 min
Response: 12680807
Conc: 291.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



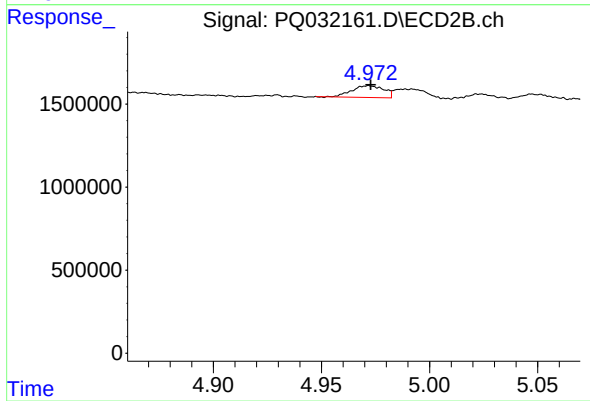
#20 AR-1242-5

R.T.: 5.778 min
Delta R.T.: -0.001 min
Response: 50903849
Conc: 1151.38 ng/ml



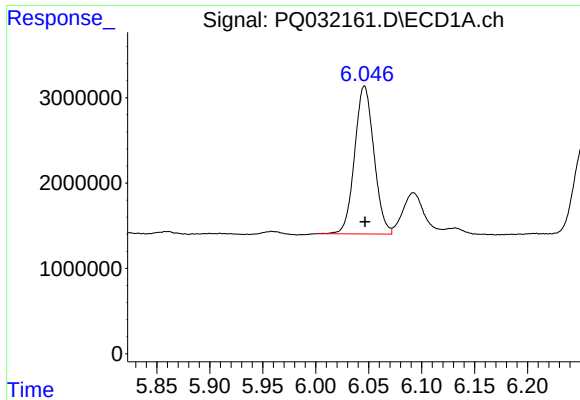
#21 AR-1248-1

R.T.: 5.772 min
Delta R.T.: -0.001 min
Response: 811927
Conc: 17.23 ng/ml



#21 AR-1248-1

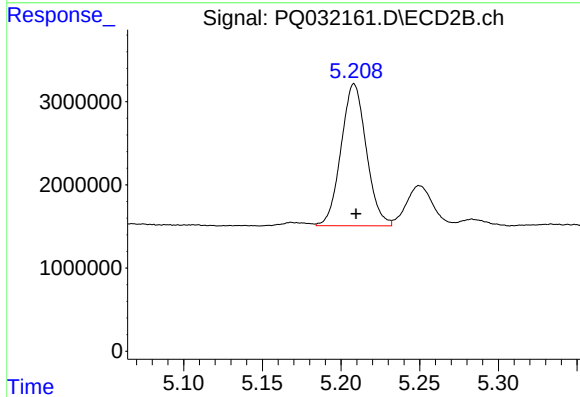
R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 723354
Conc: 17.59 ng/ml



#22 AR-1248-2

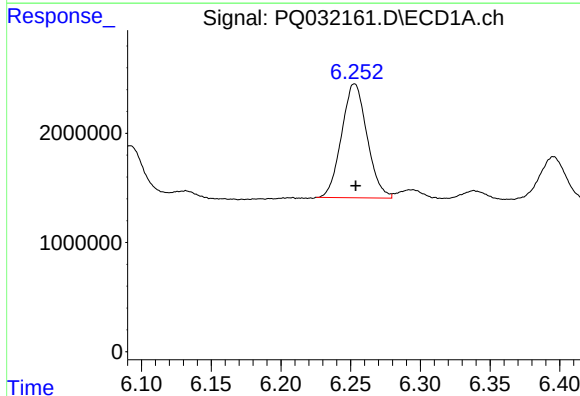
R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 21973453
Conc: 320.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



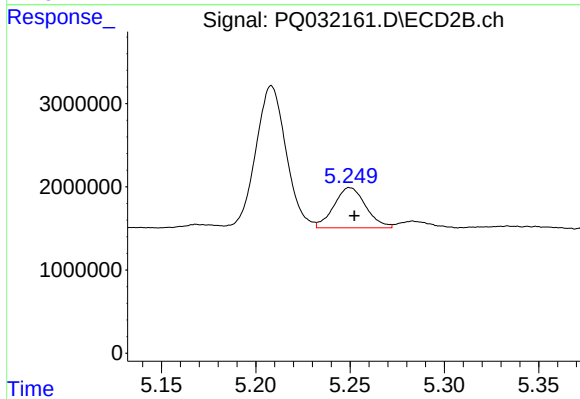
#22 AR-1248-2

R.T.: 5.208 min
Delta R.T.: -0.001 min
Response: 19035271
Conc: 339.05 ng/ml



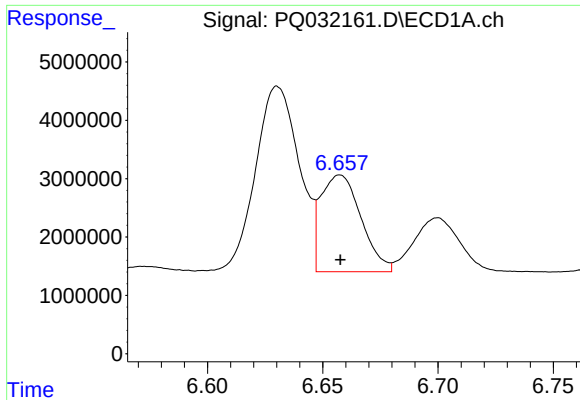
#23 AR-1248-3

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 13267637
Conc: 170.00 ng/ml



#23 AR-1248-3

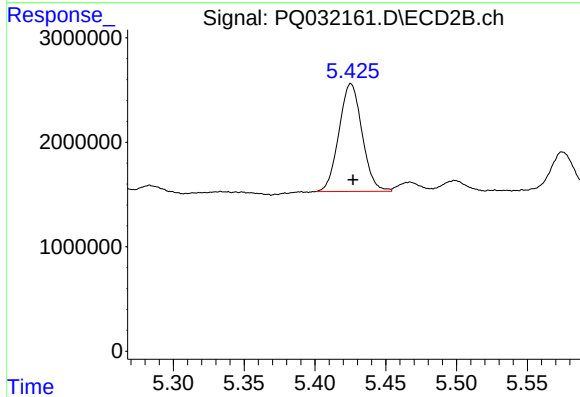
R.T.: 5.250 min
Delta R.T.: -0.002 min
Response: 5667441
Conc: 98.32 ng/ml



#24 AR-1248-4

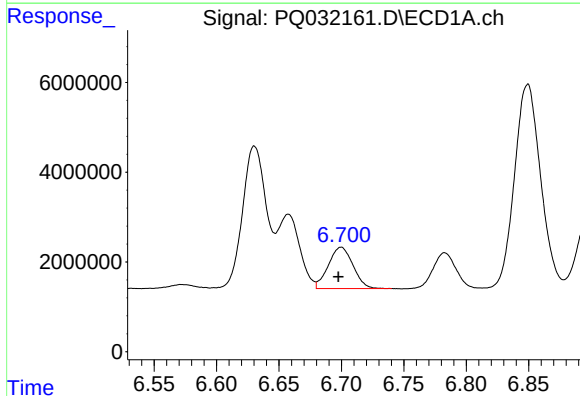
R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 20157091
Conc: 221.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



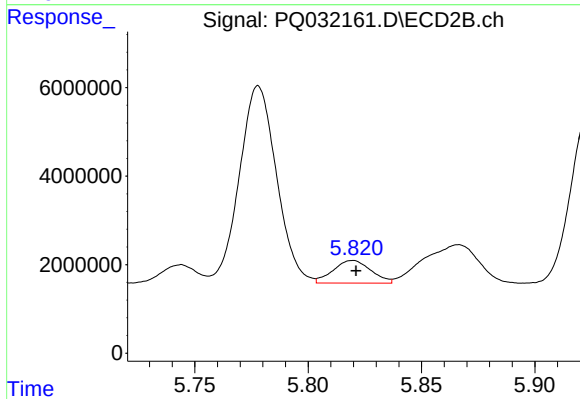
#24 AR-1248-4

R.T.: 5.425 min
Delta R.T.: -0.001 min
Response: 11741916
Conc: 164.95 ng/ml



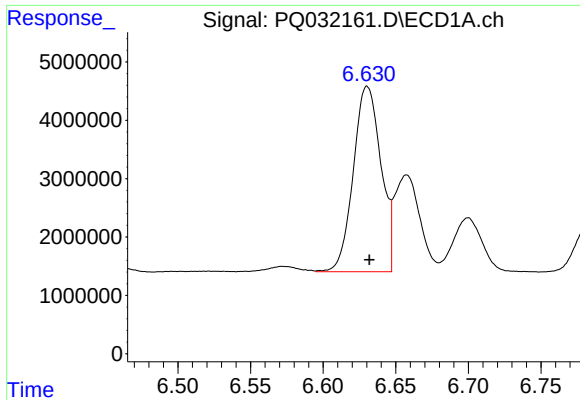
#25 AR-1248-5

R.T.: 6.700 min
Delta R.T.: 0.002 min
Response: 12680807
Conc: 146.93 ng/ml



#25 AR-1248-5

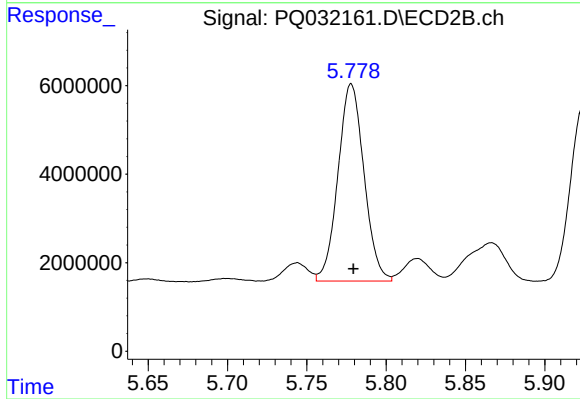
R.T.: 5.820 min
Delta R.T.: -0.001 min
Response: 5949926
Conc: 83.77 ng/ml



#26 AR-1254-1

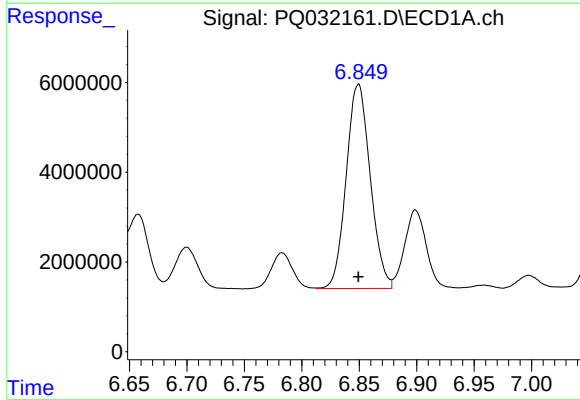
R.T.: 6.630 min
Delta R.T.: -0.001 min
Response: 42029427
Conc: 428.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



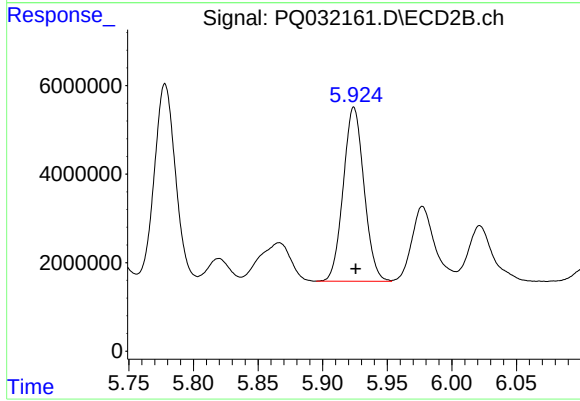
#26 AR-1254-1

R.T.: 5.778 min
Delta R.T.: -0.001 min
Response: 50903849
Conc: 426.66 ng/ml



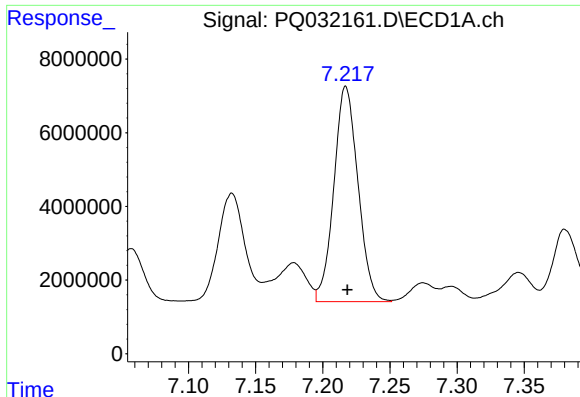
#27 AR-1254-2

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 66353548
Conc: 428.49 ng/ml



#27 AR-1254-2

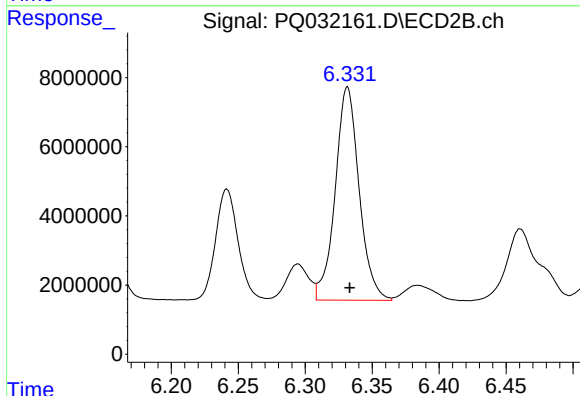
R.T.: 5.924 min
Delta R.T.: -0.001 min
Response: 44029572
Conc: 420.35 ng/ml



#28 AR-1254-3

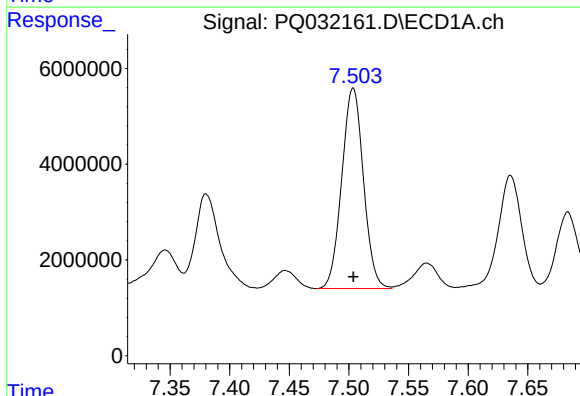
R.T.: 7.217 min
Delta R.T.: -0.001 min
Response: 72986248
Conc: 432.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



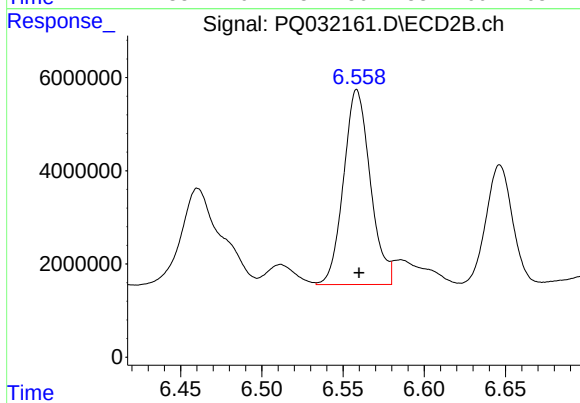
#28 AR-1254-3

R.T.: 6.332 min
Delta R.T.: -0.002 min
Response: 76835083
Conc: 432.07 ng/ml



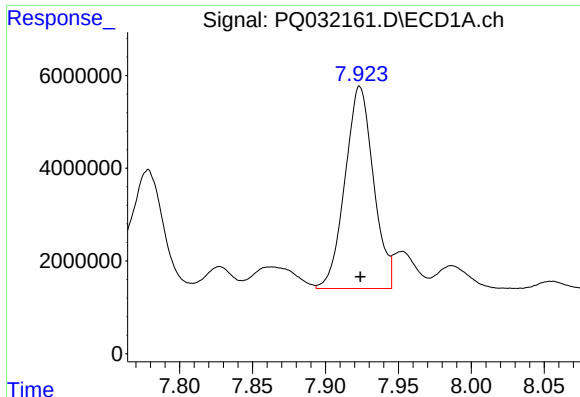
#29 AR-1254-4

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 53016194
Conc: 423.92 ng/ml



#29 AR-1254-4

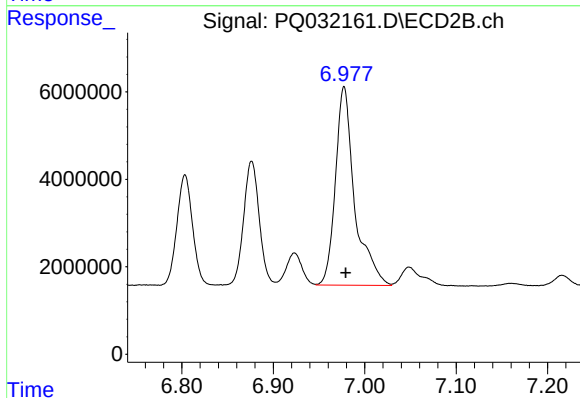
R.T.: 6.559 min
Delta R.T.: -0.001 min
Response: 47922742
Conc: 421.11 ng/ml



#30 AR-1254-5

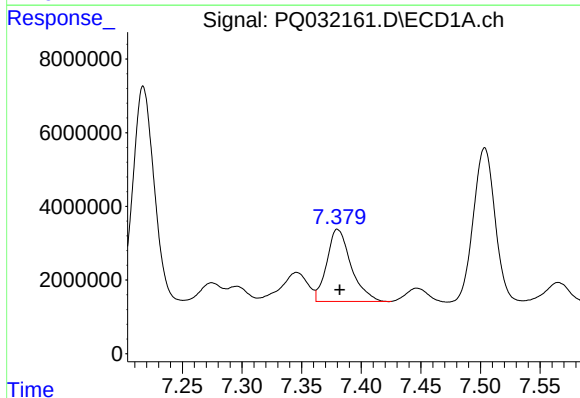
R.T.: 7.924 min
Delta R.T.: 0.000 min
Response: 59166824
Conc: 428.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



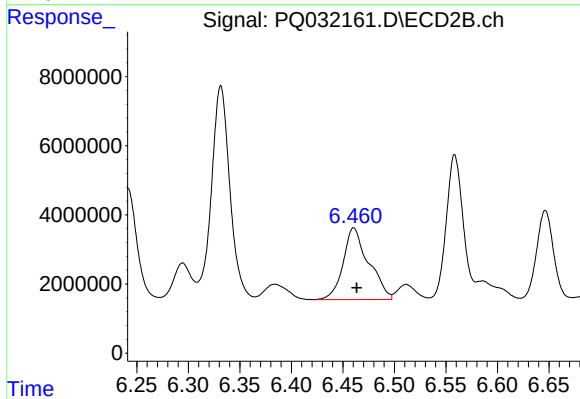
#30 AR-1254-5

R.T.: 6.977 min
Delta R.T.: -0.002 min
Response: 66406814
Conc: 427.77 ng/ml



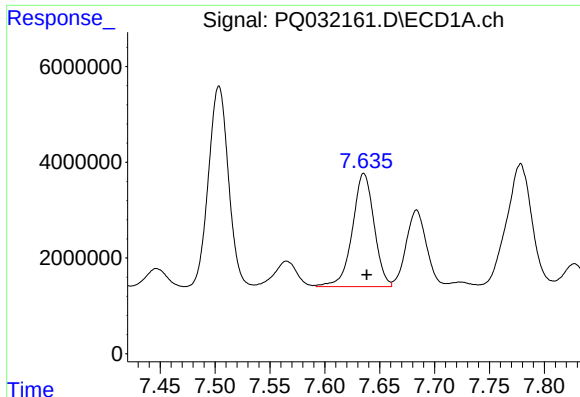
#31 AR-1260-1

R.T.: 7.380 min
Delta R.T.: -0.002 min
Response: 27750980
Conc: 223.73 ng/ml



#31 AR-1260-1

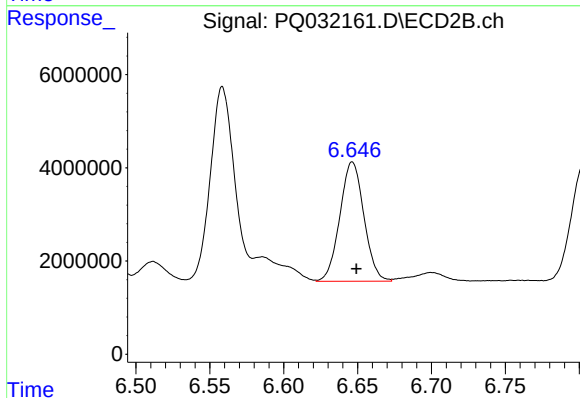
R.T.: 6.461 min
Delta R.T.: -0.003 min
Response: 35731526
Conc: 319.43 ng/ml



#32 AR-1260-2

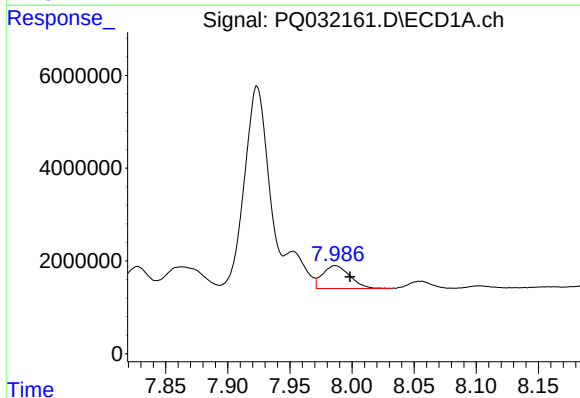
R.T.: 7.636 min
Delta R.T.: -0.003 min
Response: 32496599
Conc: 221.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



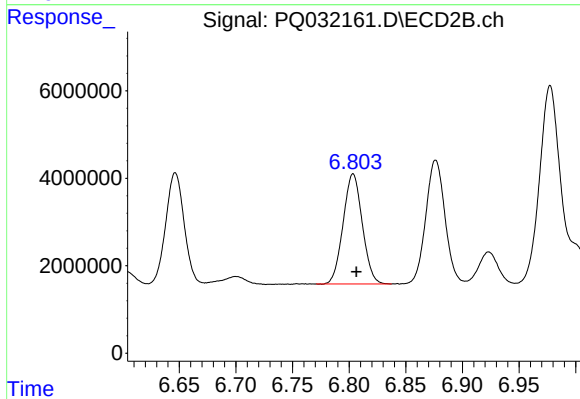
#32 AR-1260-2

R.T.: 6.647 min
Delta R.T.: -0.003 min
Response: 29029398
Conc: 213.55 ng/ml



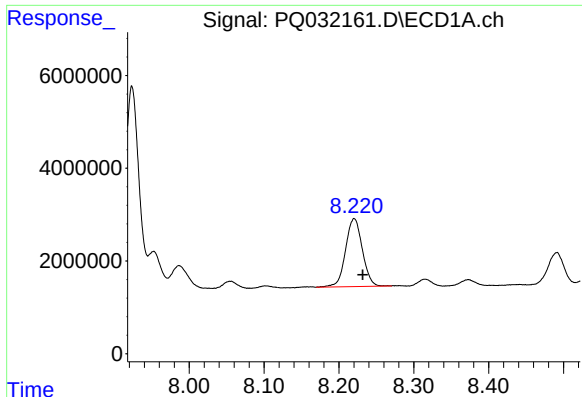
#33 AR-1260-3

R.T.: 7.987 min
Delta R.T.: -0.012 min
Response: 7469490
Conc: 70.77 ng/ml



#33 AR-1260-3

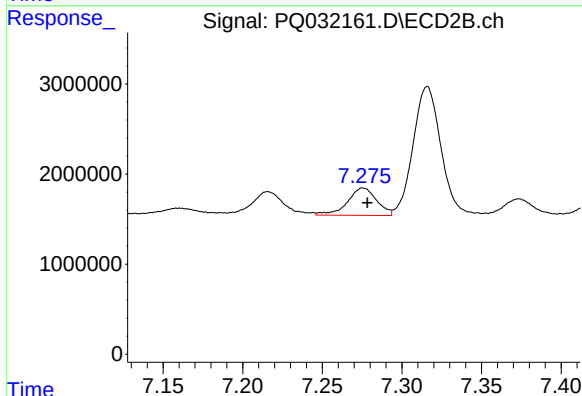
R.T.: 6.804 min
Delta R.T.: -0.003 min
Response: 29710575
Conc: 236.54 ng/ml



#34 AR-1260-4

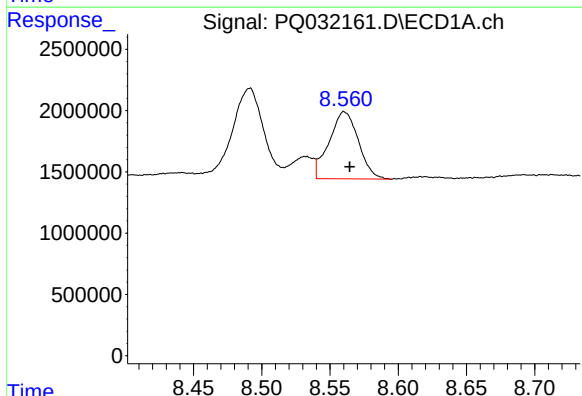
R.T.: 8.221 min
Delta R.T.: -0.011 min
Response: 22787073
Conc: 187.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



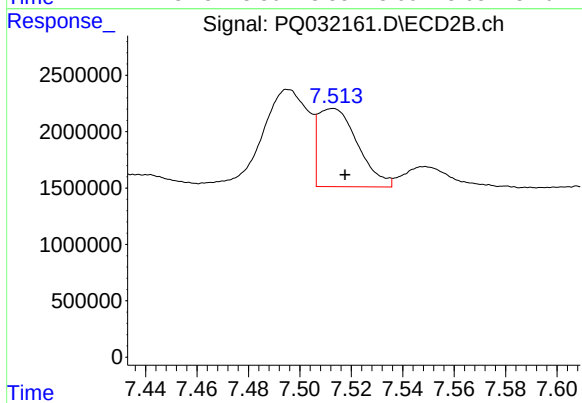
#34 AR-1260-4

R.T.: 7.276 min
Delta R.T.: -0.003 min
Response: 3883419
Conc: 38.11 ng/ml



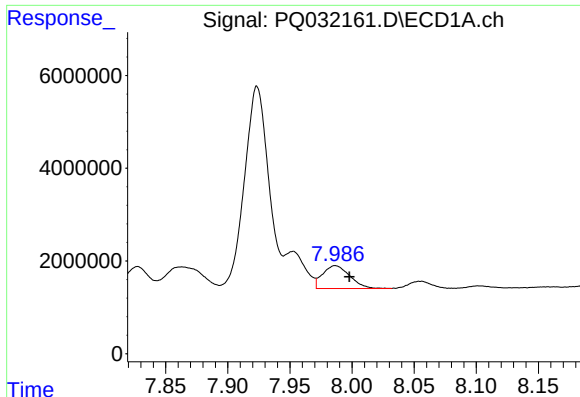
#35 AR-1260-5

R.T.: 8.560 min
Delta R.T.: -0.004 min
Response: 8196243
Conc: 33.91 ng/ml



#35 AR-1260-5

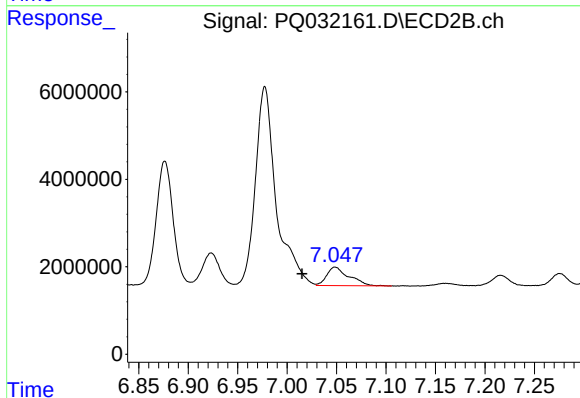
R.T.: 7.513 min
Delta R.T.: -0.005 min
Response: 7422227
Conc: 30.05 ng/ml



#36 AR-1262-1

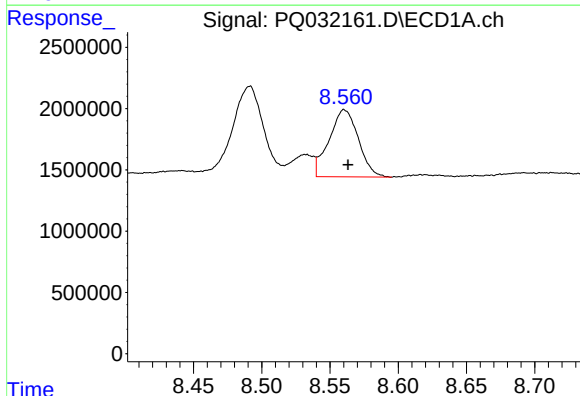
R.T.: 7.987 min
Delta R.T.: -0.011 min
Response: 7469490
Conc: 52.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



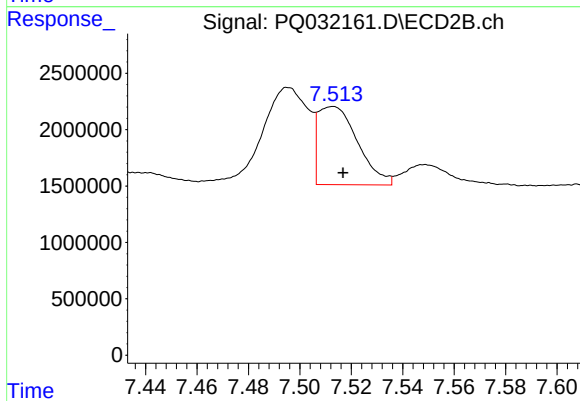
#36 AR-1262-1

R.T.: 7.049 min
Delta R.T.: 0.033 min
Response: 6561154
Conc: 47.04 ng/ml



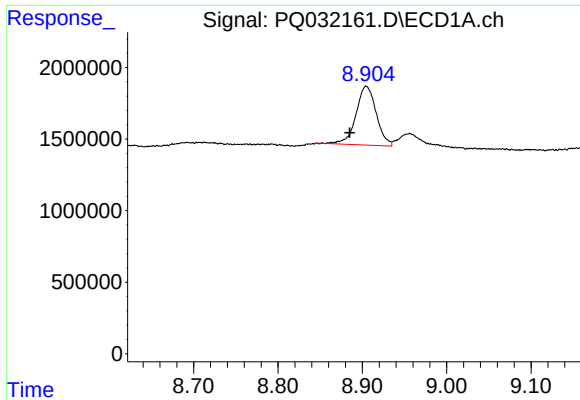
#37 AR-1262-2

R.T.: 8.560 min
Delta R.T.: -0.003 min
Response: 8196243
Conc: 31.45 ng/ml



#37 AR-1262-2

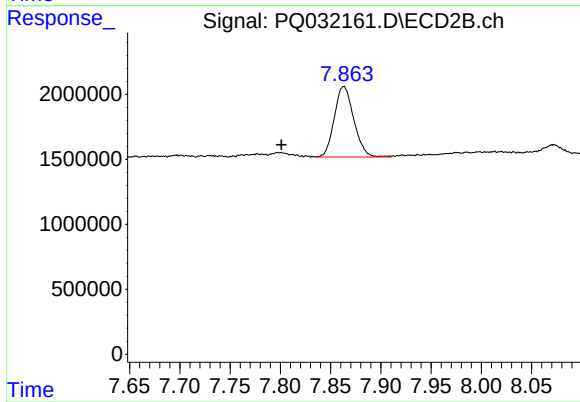
R.T.: 7.513 min
Delta R.T.: -0.004 min
Response: 7422227
Conc: 28.30 ng/ml



#38 AR-1262-3

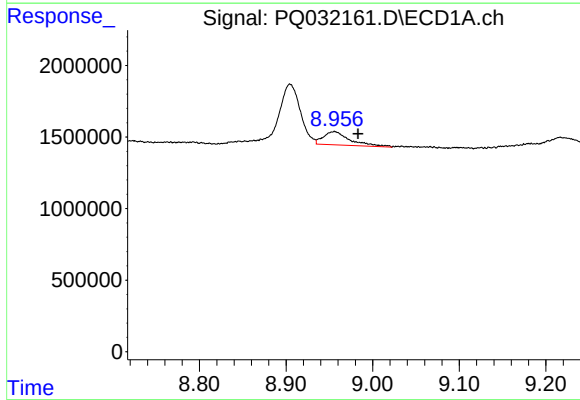
R.T.: 8.905 min
Delta R.T.: 0.020 min
Response: 6867565
Conc: 39.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



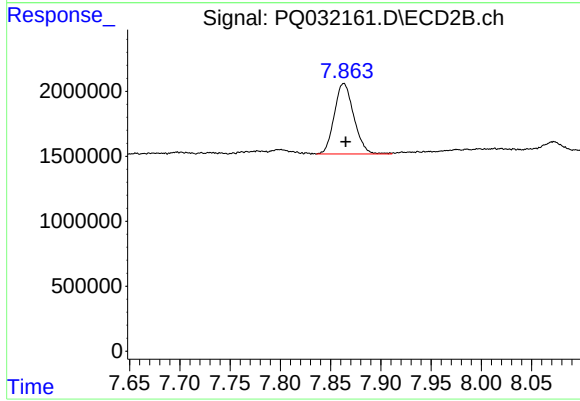
#38 AR-1262-3

R.T.: 7.863 min
Delta R.T.: 0.062 min
Response: 7318859
Conc: 74.92 ng/ml



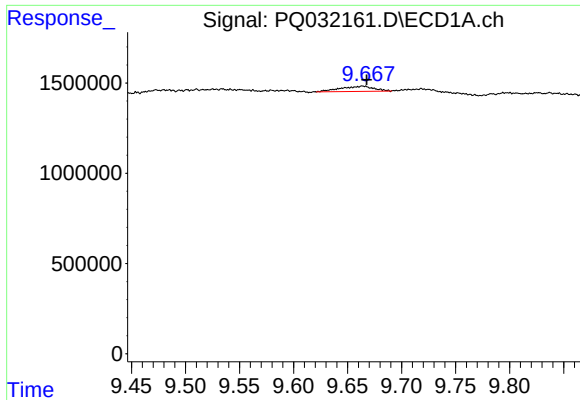
#39 AR-1262-4

R.T.: 8.956 min
Delta R.T.: -0.027 min
Response: 2003495
Conc: 15.42 ng/ml



#39 AR-1262-4

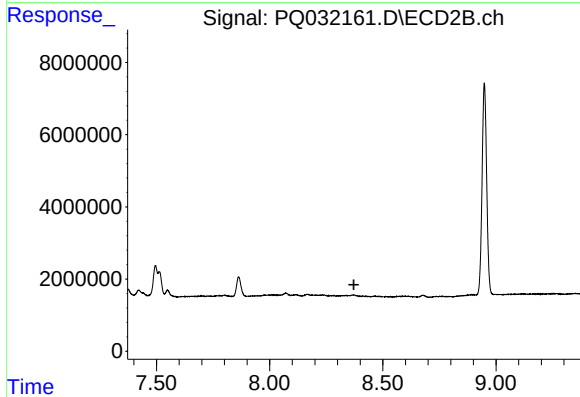
R.T.: 7.863 min
Delta R.T.: -0.002 min
Response: 7318859
Conc: 39.07 ng/ml



#40 AR-1262-5

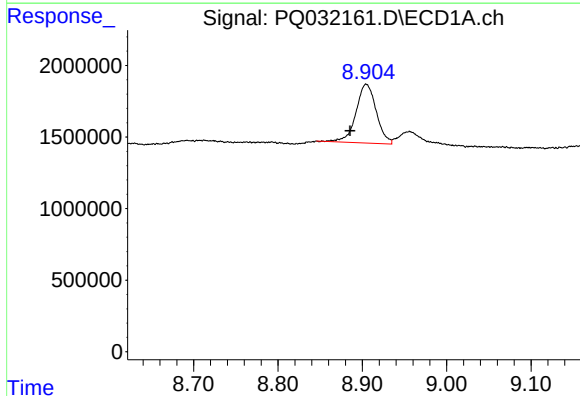
R.T.: 9.664 min
Delta R.T.: -0.003 min
Response: 614622
Conc: 6.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



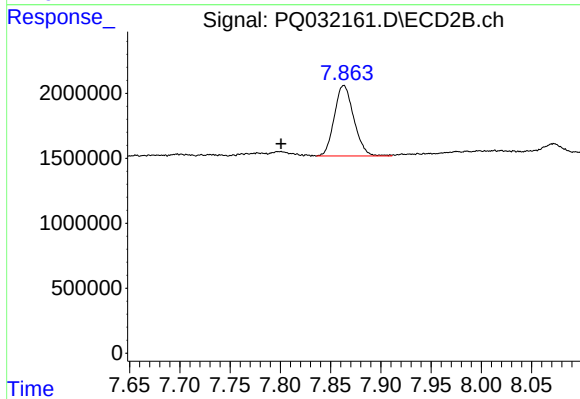
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.372 min
Response: 0
Conc: N.D.



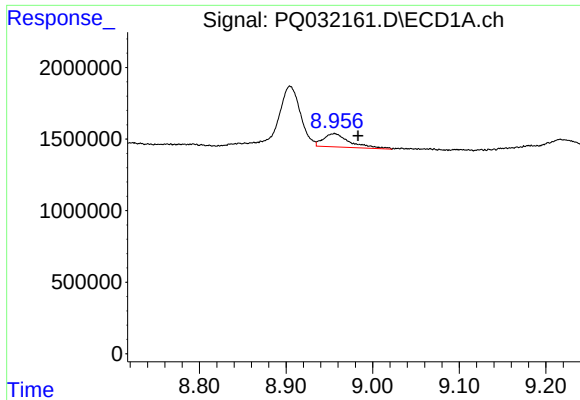
#41 AR-1268-1

R.T.: 8.905 min
Delta R.T.: 0.019 min
Response: 6867565
Conc: 19.77 ng/ml



#41 AR-1268-1

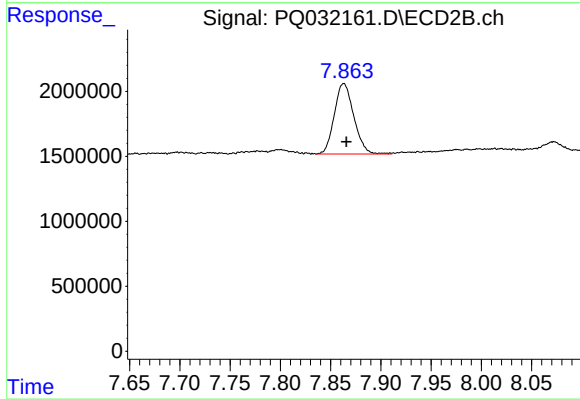
R.T.: 7.863 min
Delta R.T.: 0.062 min
Response: 7318859
Conc: 21.88 ng/ml



#42 AR-1268-2

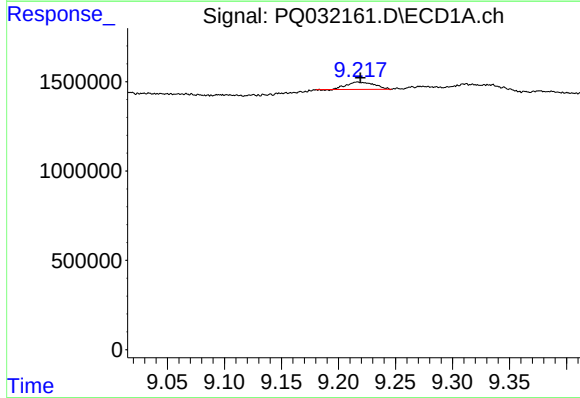
R.T.: 8.956 min
Delta R.T.: -0.027 min
Response: 2003495
Conc: 6.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



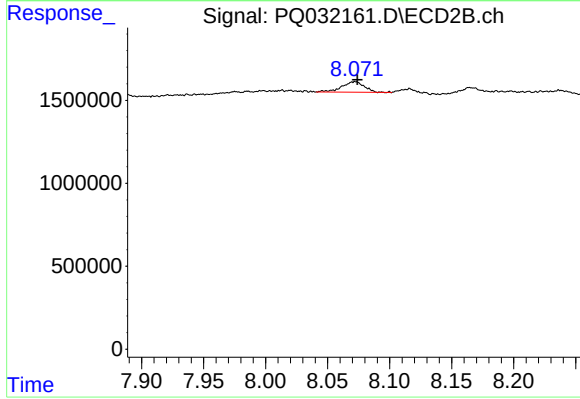
#42 AR-1268-2

R.T.: 7.863 min
Delta R.T.: -0.003 min
Response: 7318859
Conc: 24.31 ng/ml



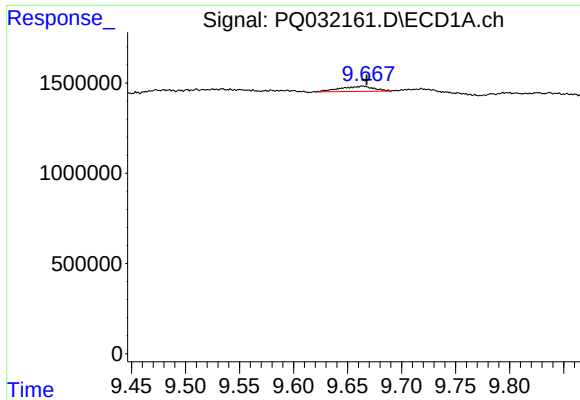
#43 AR-1268-3

R.T.: 9.216 min
Delta R.T.: -0.003 min
Response: 693553
Conc: 2.60 ng/ml



#43 AR-1268-3

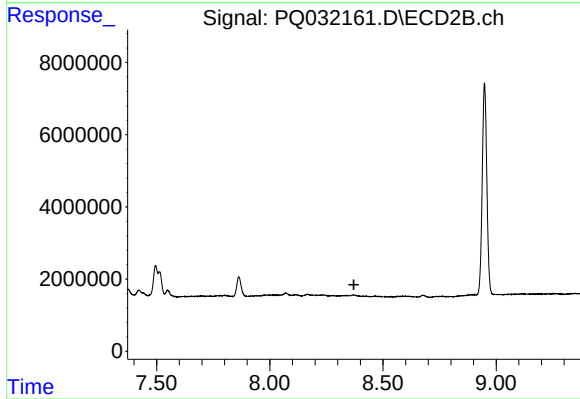
R.T.: 8.072 min
Delta R.T.: -0.002 min
Response: 796692
Conc: 3.20 ng/ml



#44 AR-1268-4

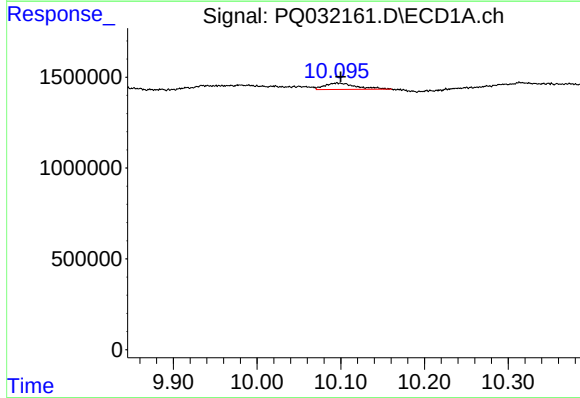
R.T.: 9.664 min
Delta R.T.: -0.003 min
Response: 614622
Conc: 5.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



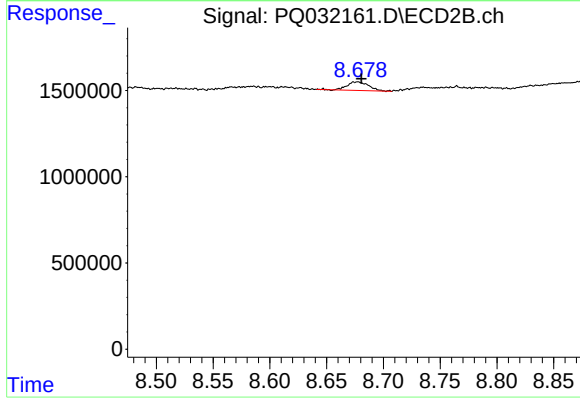
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.372 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.096 min
Delta R.T.: -0.004 min
Response: 884760
Conc: 1.03 ng/ml



#45 AR-1268-5

R.T.: 8.677 min
Delta R.T.: -0.004 min
Response: 669463
Conc: 0.84 ng/ml