

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080720\
 Data File : PQ049096.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Aug 2020 13:35
 Operator : DD\AJ
 Sample : L3597-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 08 00:25:30 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080620CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 07 07:58:16 2020
 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...	5.258	4.286	122.5E6	71170196	19.907	20.081
2)	SA Decachlor...	11.493	9.645	329.9E6	162.2E6	35.115	34.883
Target Compounds							
3)	L1 AR-1016-1	6.589	5.548	23811371	12487427	92.418	80.895
4)	L1 AR-1016-2	6.613	5.569	52044075	27489062	145.878	131.570
5)	L1 AR-1016-3	6.683	5.761	5712625	11553561	26.306	111.716 #
6)	L1 AR-1016-4	6.790	5.811	20135133	15539112	112.840	191.447 #
7)	L1 AR-1016-5	7.103	6.042	35760750	19787290	193.746	172.709
8)	L2 AR-1221-1	0.000	4.543	0	700211	N.D.	15.357 #
9)	L2 AR-1221-2	5.615	4.642	3225880	2150048	56.157	67.000
10)	L2 AR-1221-3	5.701	4.732	6876379	3455992	36.750	31.622
11)	L3 AR-1232-1	5.701	4.732	6876379	3455992	45.644	39.706
12)	L3 AR-1232-2	6.293	5.569	9807660	27489062	125.396	280.855 #
13)	L3 AR-1232-3	6.613	5.761	52044075	11553561	309.862	240.018
14)	L3 AR-1232-4	6.790	5.856	20135133	16460341	238.054	380.504 #
15)	L3 AR-1232-5	6.883	6.042	28231064	19787290	448.781	397.973
16)	L4 AR-1242-1	6.589	5.548	23811371	12487427	101.372	89.865
17)	L4 AR-1242-2	6.613	5.569	52044075	27489062	162.207	146.315
18)	L4 AR-1242-3	6.683	5.761	5712625	11553561	28.715	120.241 #
19)	L4 AR-1242-4	6.790	5.856	20135133	16460341	120.713	173.501 #
20)	L4 AR-1242-5	7.575	6.421	62792661	32825118	308.482	236.030
21)	L5 AR-1248-1	6.589	5.548	23811371	12487427	141.799	123.140
22)	L5 AR-1248-2	6.883	5.811	28231064	15539112	125.321	124.491
23)	L5 AR-1248-3	7.103	5.856	35760750	16460341	139.988	127.739
24)	L5 AR-1248-4	7.533	6.042	49576514	19787290	155.219	123.773
25)	L5 AR-1248-5	7.575	6.465	62792661	32444296	207.641	187.670
26)	L6 AR-1254-1	7.503	6.421	44537057	32825118	138.174	120.671
27)	L6 AR-1254-2	7.741	6.580	53122937	11413288	104.906	46.784 #
28)	L6 AR-1254-3	8.117	7.002	29276824	20143668	54.757	49.950
29)	L6 AR-1254-4	8.414	7.240	26165190	13860060	55.873	51.386
30)	L6 AR-1254-5	8.844	7.670	12238132	8725003	25.510	23.686
31)	L7 AR-1260-1	8.283	7.145	8807699	12888011	24.080	56.510 #
32)	L7 AR-1260-2	8.546	7.334	11222137	4485836	22.568	15.504 #
33)	L7 AR-1260-3	8.915	7.491	6023242	4523795	14.324	17.490
34)	L7 AR-1260-4	9.160	7.975	5647851	4956891	13.548	21.740 #
35)	L7 AR-1260-5	9.512	8.220	12071554	6263647	11.784	10.539
36)	L8 AR-1262-1	8.915	7.670	6023242	8725003	8.376	41.798 #
37)	L8 AR-1262-2	9.512	8.220	12071554	6263647	8.890	7.920
38)	L8 AR-1262-3	9.847	8.510	2139295	2957122	3.310	9.173 #
39)	L8 AR-1262-4	9.934	8.571	4246362	6836770	5.780	11.600 #
40)	L8 AR-1262-5	10.678	9.078	1645443	1271264	2.983	4.515 #
41)	L9 AR-1268-1	9.847	8.510	2139295	2957122	1.243	3.199 #

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 Acq On : 07 Aug 2020 13:35
 Operator : DD\AJ
 Sample : L3597-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

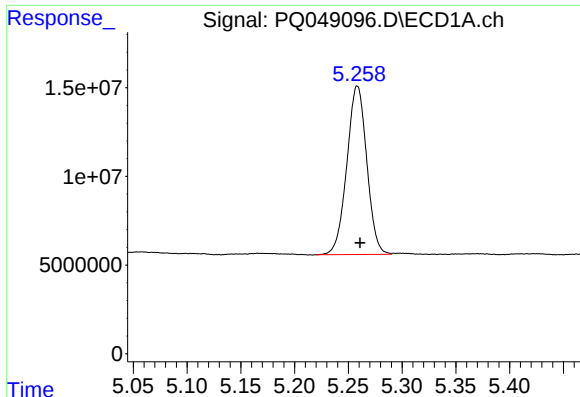
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 08 00:25:30 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080620CLP.M
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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
42) L9	AR-1268-2	9.934	8.571	4246362	6836770	2.702	7.943 #
43) L9	AR-1268-3	10.195	8.784	3892410	4057718	2.816	5.635 #
44) L9	AR-1268-4	10.678	9.078	1645443	1271264	2.666	4.053 #
45) L9	AR-1268-5	11.126	9.378	4455853	1575767	1.034	0.686 #

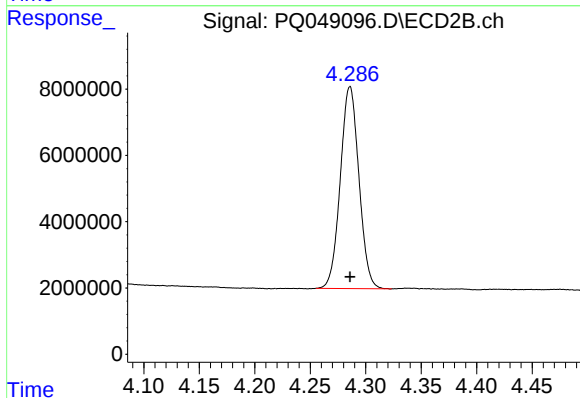
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

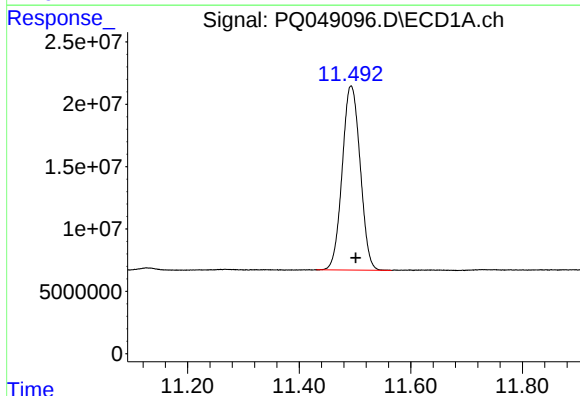
R.T.: 5.258 min
Delta R.T.: -0.003 min
Response: 122545500
Conc: 19.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



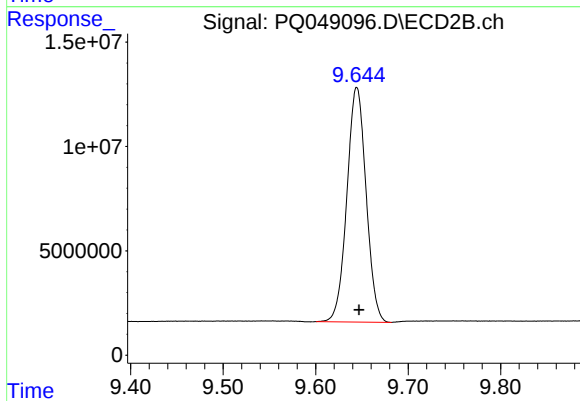
#1 Tetrachloro-m-xylene

R.T.: 4.286 min
Delta R.T.: 0.000 min
Response: 71170196
Conc: 20.08 ng/ml



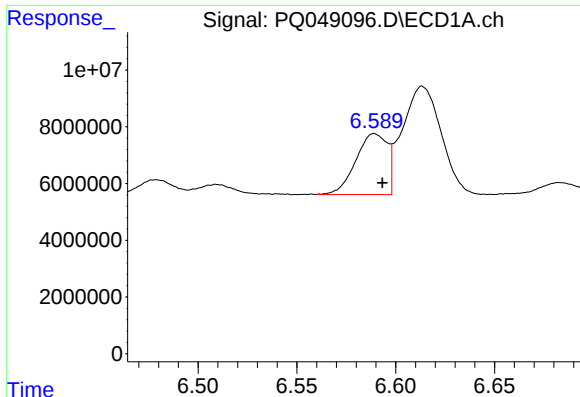
#2 Decachlorobiphenyl

R.T.: 11.493 min
Delta R.T.: -0.009 min
Response: 329854644
Conc: 35.11 ng/ml



#2 Decachlorobiphenyl

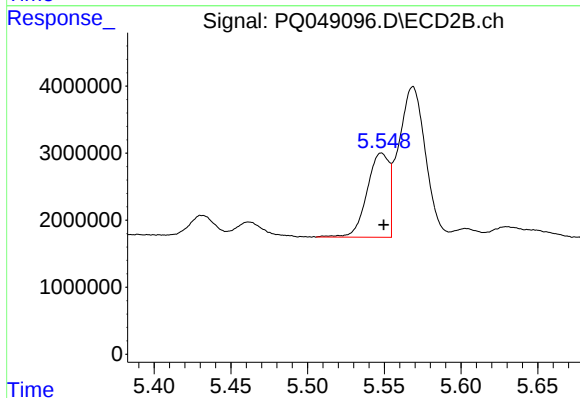
R.T.: 9.645 min
Delta R.T.: -0.003 min
Response: 162157452
Conc: 34.88 ng/ml



#3 AR-1016-1

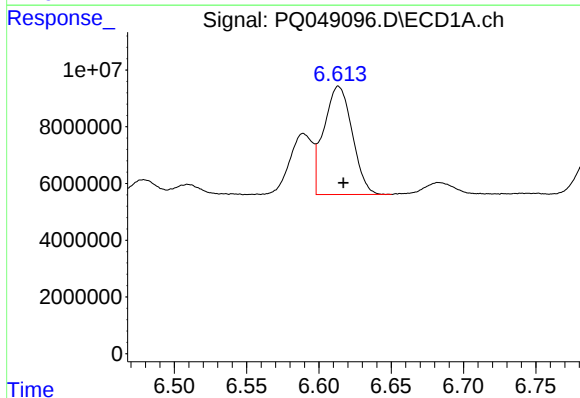
R.T.: 6.589 min
Delta R.T.: -0.004 min
Response: 23811371
Conc: 92.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



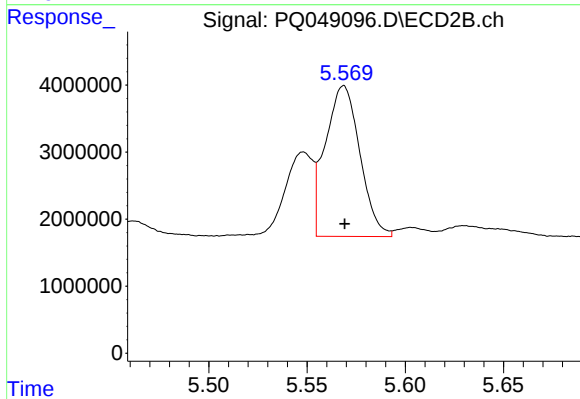
#3 AR-1016-1

R.T.: 5.548 min
Delta R.T.: -0.001 min
Response: 12487427
Conc: 80.90 ng/ml



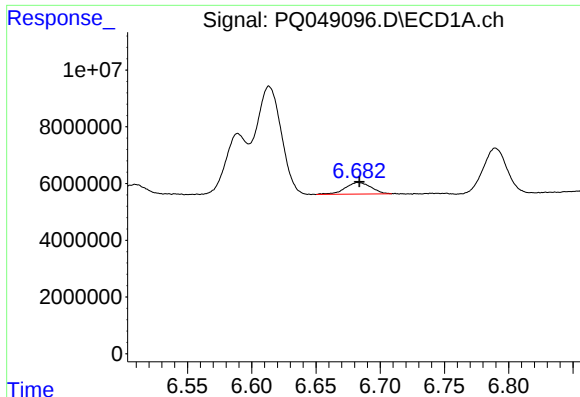
#4 AR-1016-2

R.T.: 6.613 min
Delta R.T.: -0.003 min
Response: 52044075
Conc: 145.88 ng/ml



#4 AR-1016-2

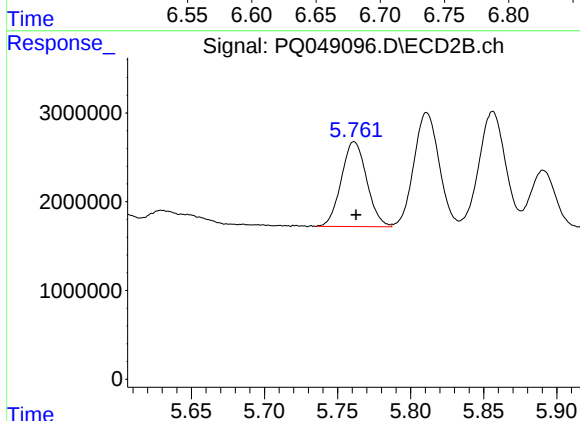
R.T.: 5.569 min
Delta R.T.: 0.000 min
Response: 27489062
Conc: 131.57 ng/ml



#5 AR-1016-3

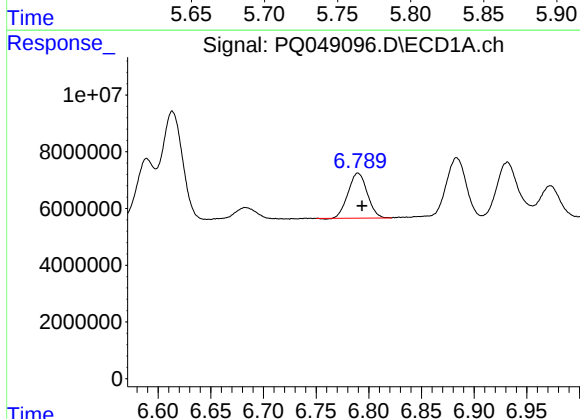
R.T.: 6.683 min
Delta R.T.: -0.001 min
Response: 5712625
Conc: 26.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



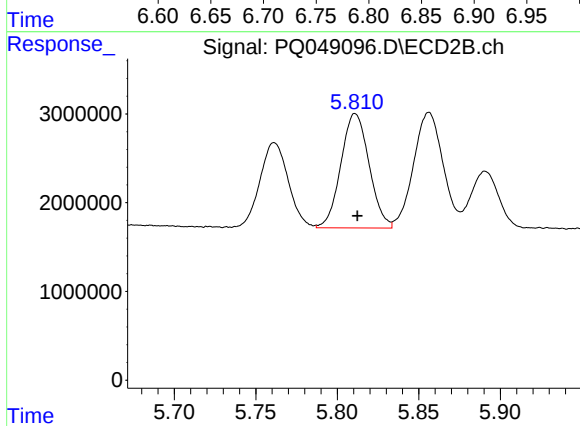
#5 AR-1016-3

R.T.: 5.761 min
Delta R.T.: -0.001 min
Response: 11553561
Conc: 111.72 ng/ml



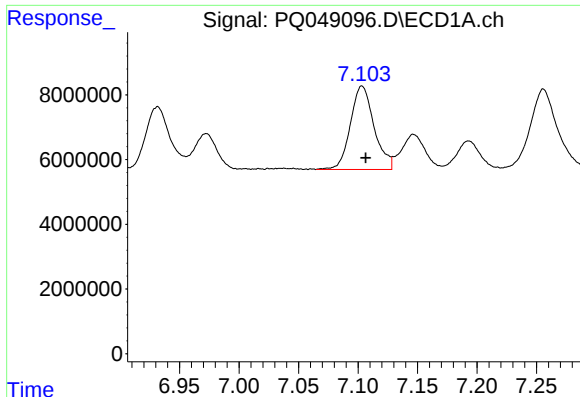
#6 AR-1016-4

R.T.: 6.790 min
Delta R.T.: -0.004 min
Response: 20135133
Conc: 112.84 ng/ml



#6 AR-1016-4

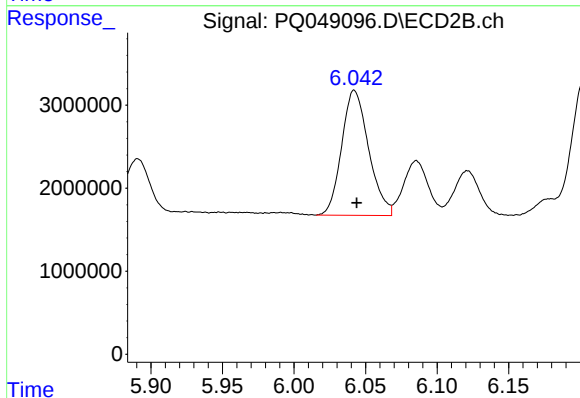
R.T.: 5.811 min
Delta R.T.: -0.001 min
Response: 15539112
Conc: 191.45 ng/ml



#7 AR-1016-5

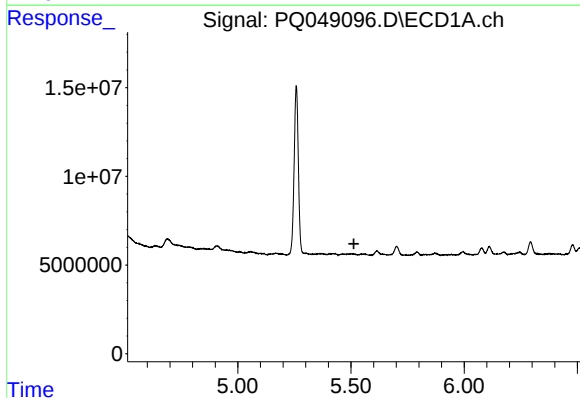
R.T.: 7.103 min
Delta R.T.: -0.003 min
Response: 35760750
Conc: 193.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



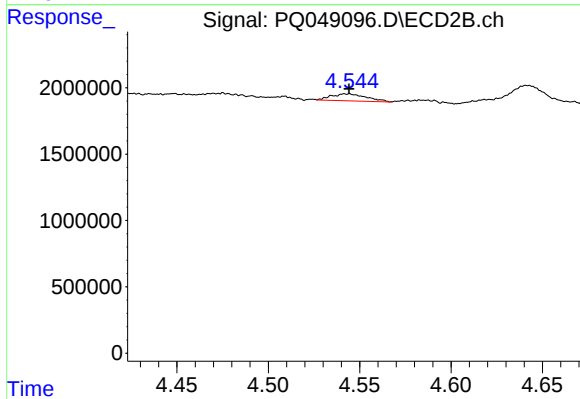
#7 AR-1016-5

R.T.: 6.042 min
Delta R.T.: -0.002 min
Response: 19787290
Conc: 172.71 ng/ml



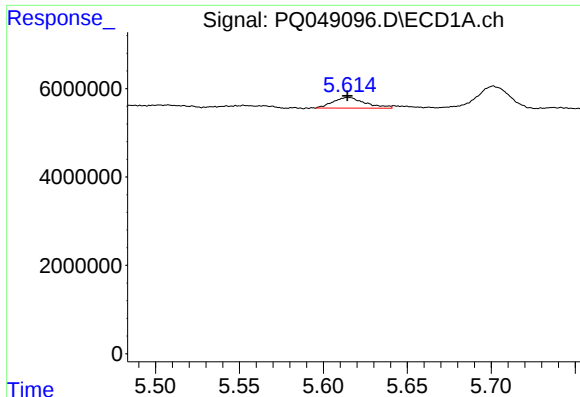
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.513 min
Response: 0
Conc: N.D.



#8 AR-1221-1

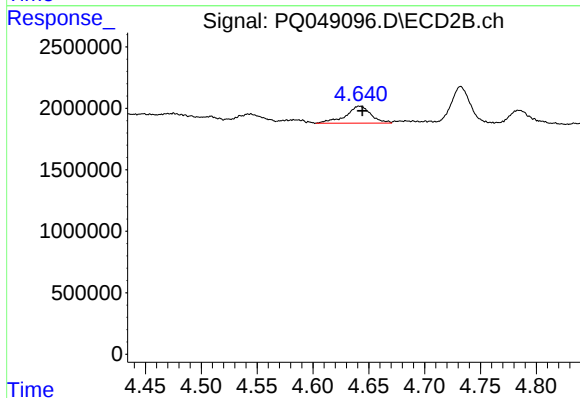
R.T.: 4.543 min
Delta R.T.: -0.001 min
Response: 700211
Conc: 15.36 ng/ml



#9 AR-1221-2

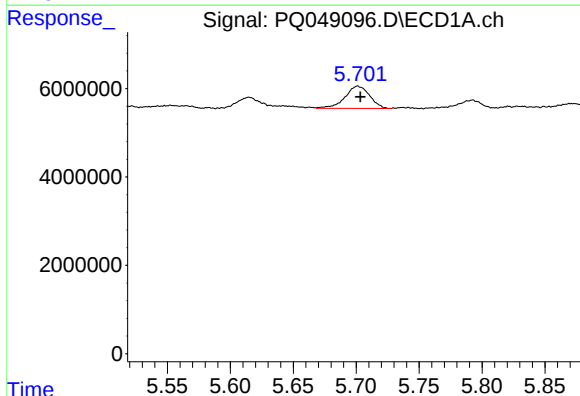
R.T.: 5.615 min
Delta R.T.: 0.000 min
Response: 3225880
Conc: 56.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



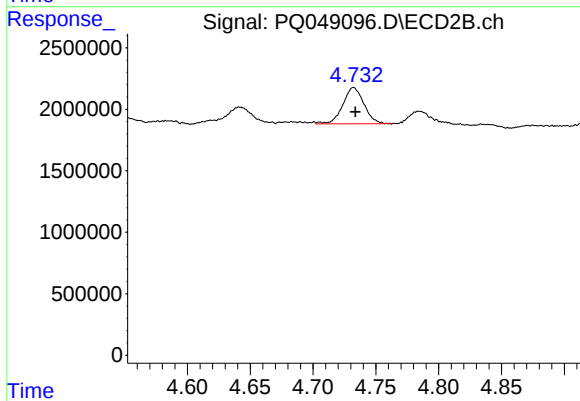
#9 AR-1221-2

R.T.: 4.642 min
Delta R.T.: -0.003 min
Response: 2150048
Conc: 67.00 ng/ml



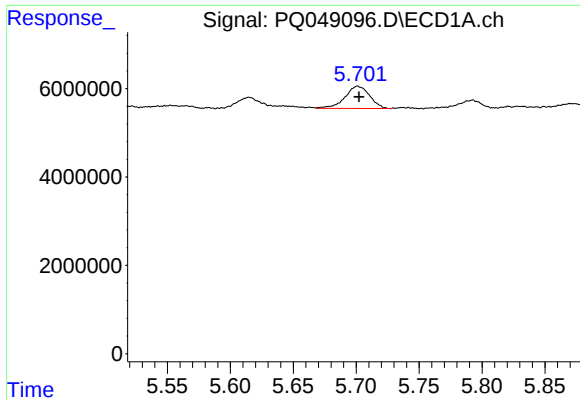
#10 AR-1221-3

R.T.: 5.701 min
Delta R.T.: -0.002 min
Response: 6876379
Conc: 36.75 ng/ml



#10 AR-1221-3

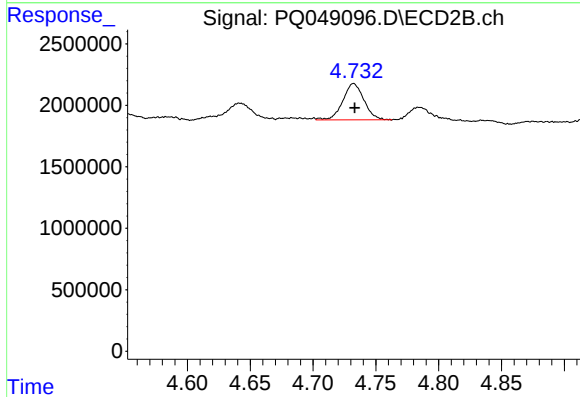
R.T.: 4.732 min
Delta R.T.: -0.001 min
Response: 3455992
Conc: 31.62 ng/ml



#11 AR-1232-1

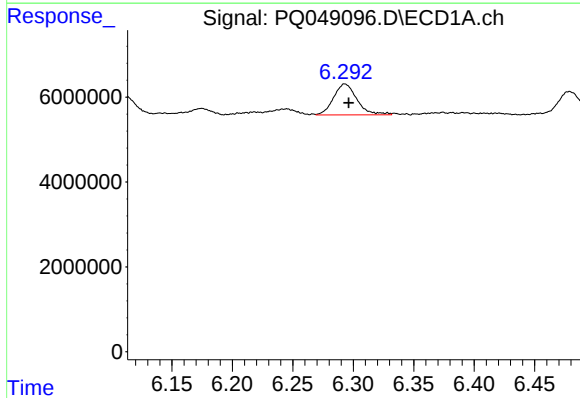
R.T.: 5.701 min
Delta R.T.: -0.001 min
Response: 6876379
Conc: 45.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



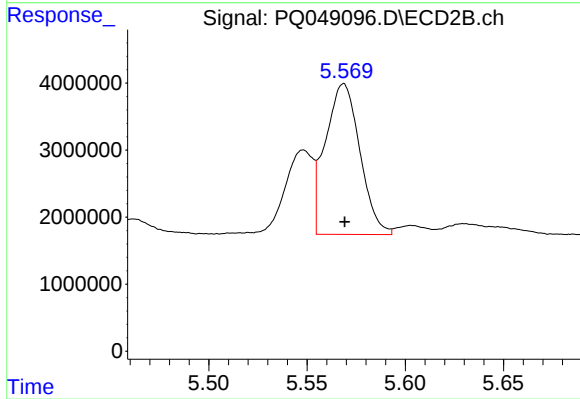
#11 AR-1232-1

R.T.: 4.732 min
Delta R.T.: 0.000 min
Response: 3455992
Conc: 39.71 ng/ml



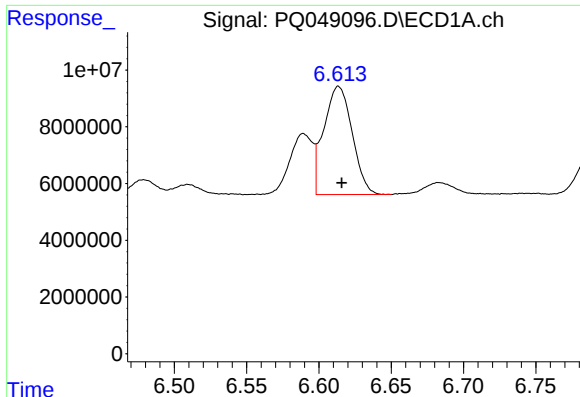
#12 AR-1232-2

R.T.: 6.293 min
Delta R.T.: -0.003 min
Response: 9807660
Conc: 125.40 ng/ml



#12 AR-1232-2

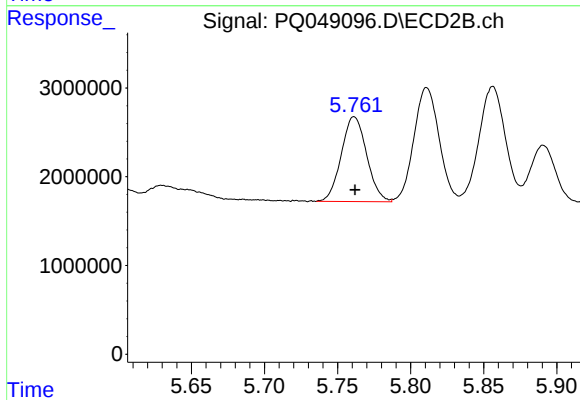
R.T.: 5.569 min
Delta R.T.: 0.000 min
Response: 27489062
Conc: 280.85 ng/ml



#13 AR-1232-3

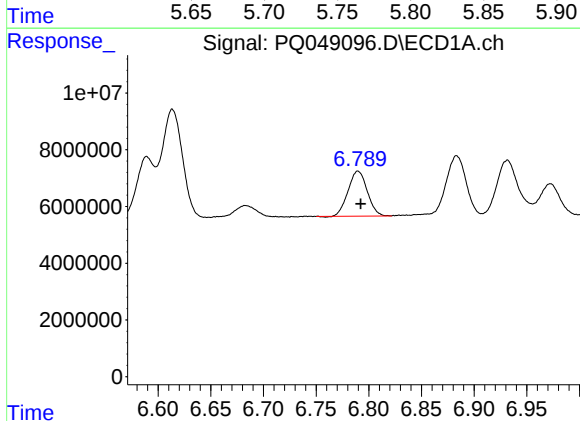
R.T.: 6.613 min
Delta R.T.: -0.002 min
Response: 52044075
Conc: 309.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



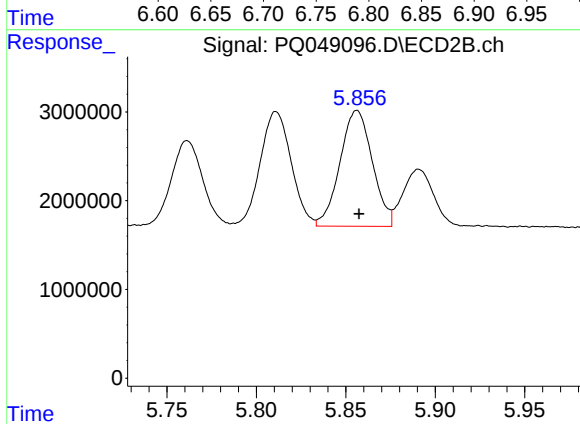
#13 AR-1232-3

R.T.: 5.761 min
Delta R.T.: 0.000 min
Response: 11553561
Conc: 240.02 ng/ml



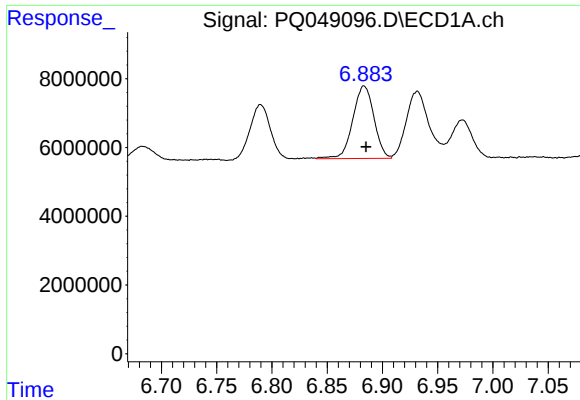
#14 AR-1232-4

R.T.: 6.790 min
Delta R.T.: -0.003 min
Response: 20135133
Conc: 238.05 ng/ml



#14 AR-1232-4

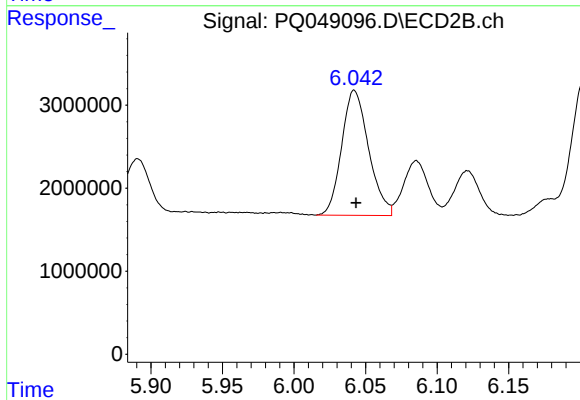
R.T.: 5.856 min
Delta R.T.: -0.001 min
Response: 16460341
Conc: 380.50 ng/ml



#15 AR-1232-5

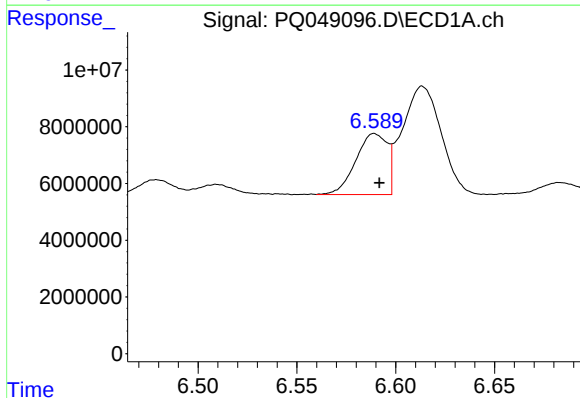
R.T.: 6.883 min
Delta R.T.: -0.002 min
Response: 28231064
Conc: 448.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



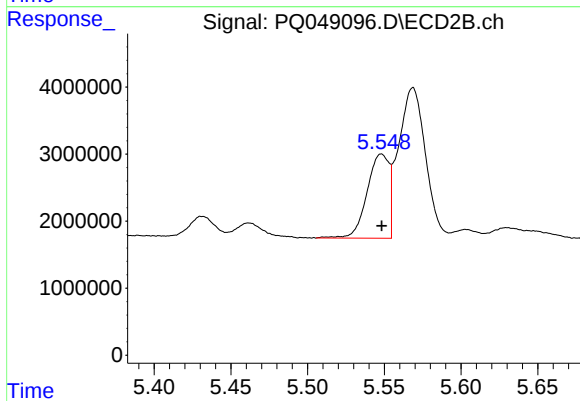
#15 AR-1232-5

R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 19787290
Conc: 397.97 ng/ml



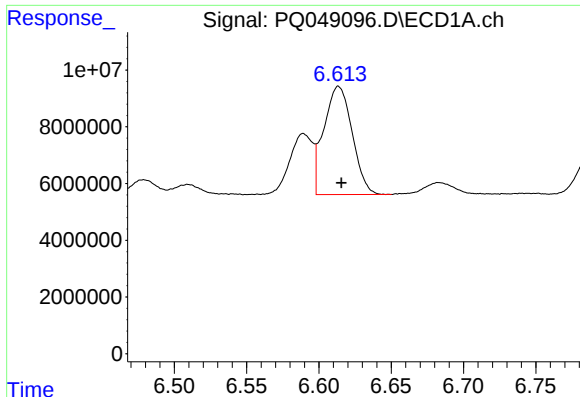
#16 AR-1242-1

R.T.: 6.589 min
Delta R.T.: -0.003 min
Response: 23811371
Conc: 101.37 ng/ml



#16 AR-1242-1

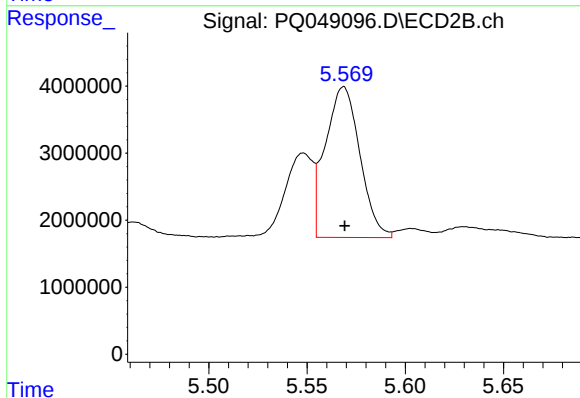
R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 12487427
Conc: 89.87 ng/ml



#17 AR-1242-2

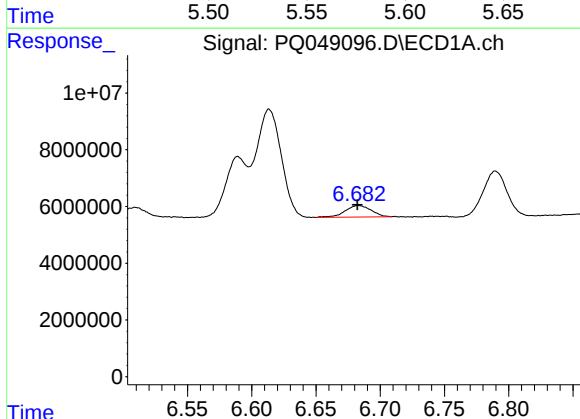
R.T.: 6.613 min
Delta R.T.: -0.002 min
Response: 52044075
Conc: 162.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



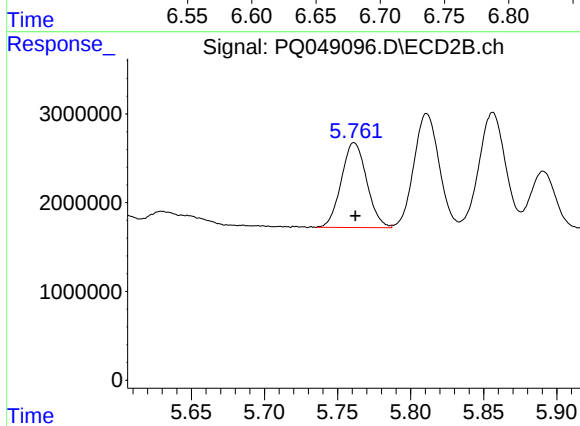
#17 AR-1242-2

R.T.: 5.569 min
Delta R.T.: 0.000 min
Response: 27489062
Conc: 146.31 ng/ml



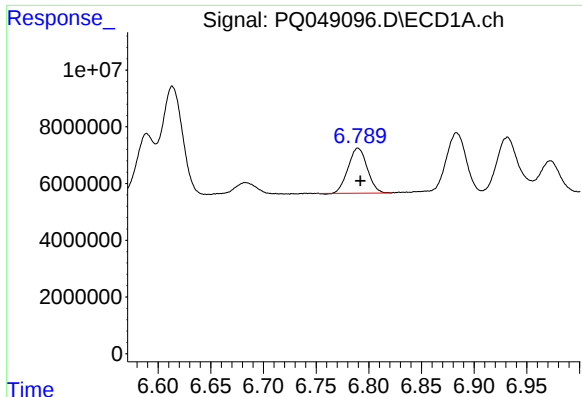
#18 AR-1242-3

R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 5712625
Conc: 28.72 ng/ml



#18 AR-1242-3

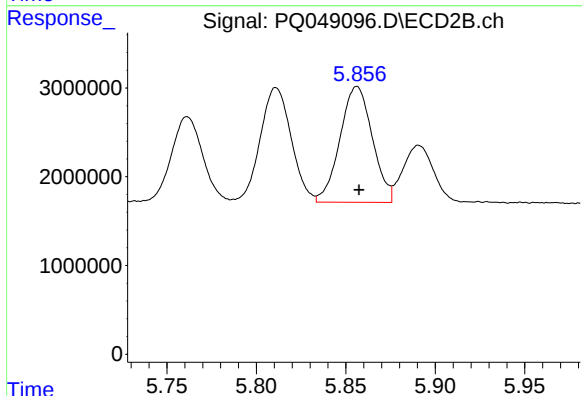
R.T.: 5.761 min
Delta R.T.: 0.000 min
Response: 11553561
Conc: 120.24 ng/ml



#19 AR-1242-4

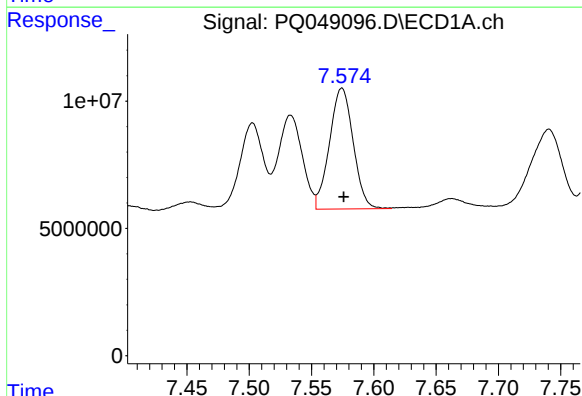
R.T.: 6.790 min
Delta R.T.: -0.002 min
Response: 20135133
Conc: 120.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



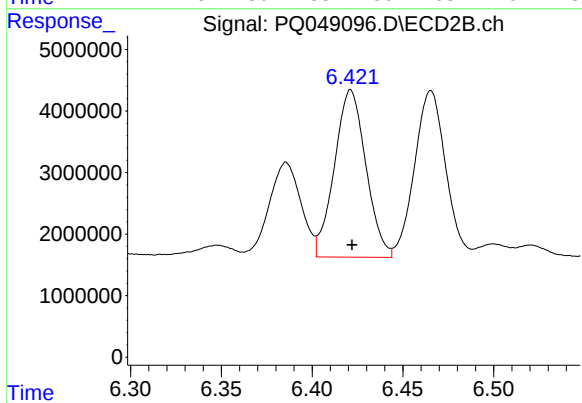
#19 AR-1242-4

R.T.: 5.856 min
Delta R.T.: -0.001 min
Response: 16460341
Conc: 173.50 ng/ml



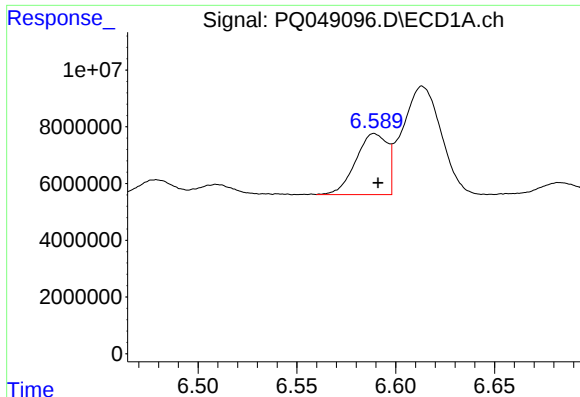
#20 AR-1242-5

R.T.: 7.575 min
Delta R.T.: -0.001 min
Response: 62792661
Conc: 308.48 ng/ml



#20 AR-1242-5

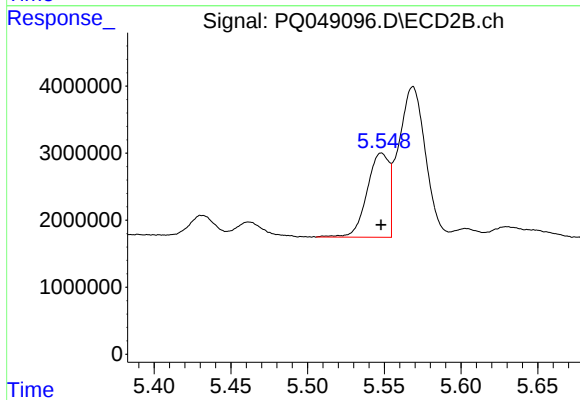
R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 32825118
Conc: 236.03 ng/ml



#21 AR-1248-1

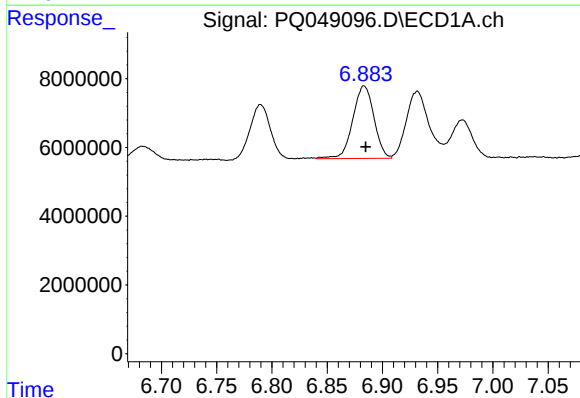
R.T.: 6.589 min
Delta R.T.: -0.002 min
Response: 23811371
Conc: 141.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



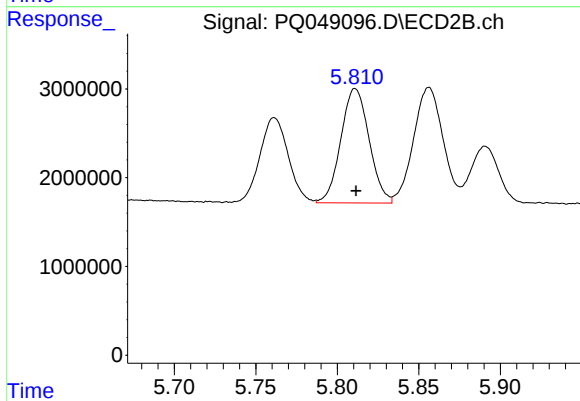
#21 AR-1248-1

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 12487427
Conc: 123.14 ng/ml



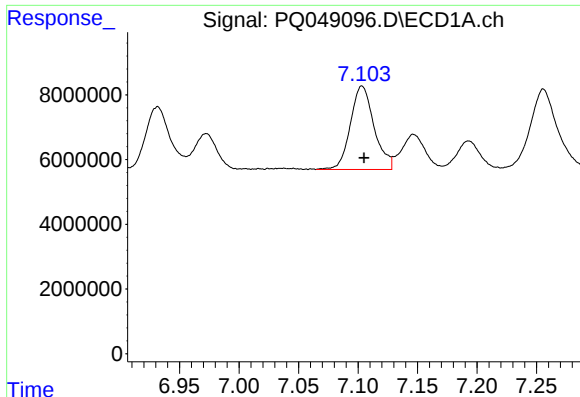
#22 AR-1248-2

R.T.: 6.883 min
Delta R.T.: -0.002 min
Response: 28231064
Conc: 125.32 ng/ml



#22 AR-1248-2

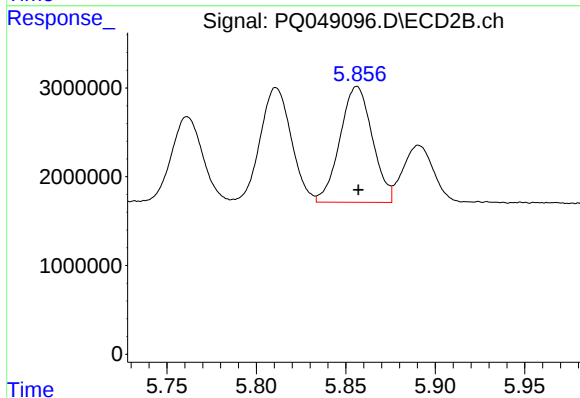
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 15539112
Conc: 124.49 ng/ml



#23 AR-1248-3

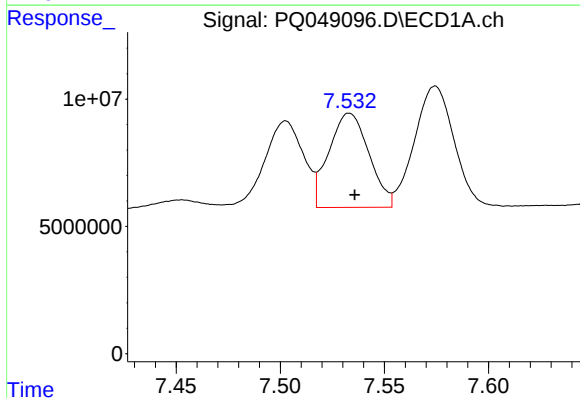
R.T.: 7.103 min
Delta R.T.: -0.002 min
Response: 35760750
Conc: 139.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



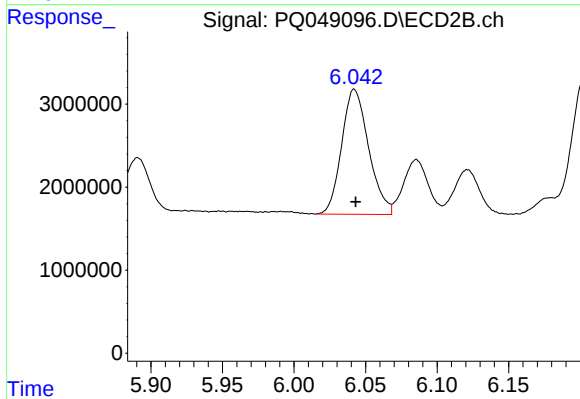
#23 AR-1248-3

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 16460341
Conc: 127.74 ng/ml



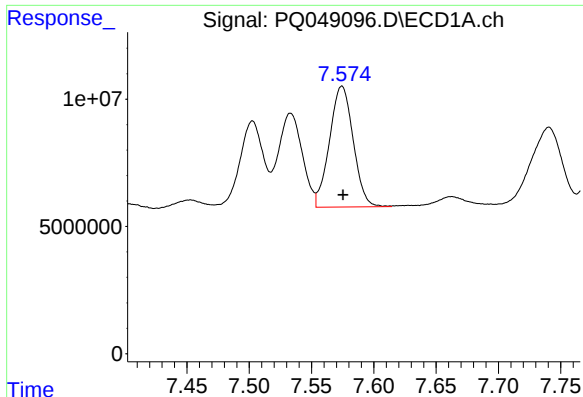
#24 AR-1248-4

R.T.: 7.533 min
Delta R.T.: -0.003 min
Response: 49576514
Conc: 155.22 ng/ml



#24 AR-1248-4

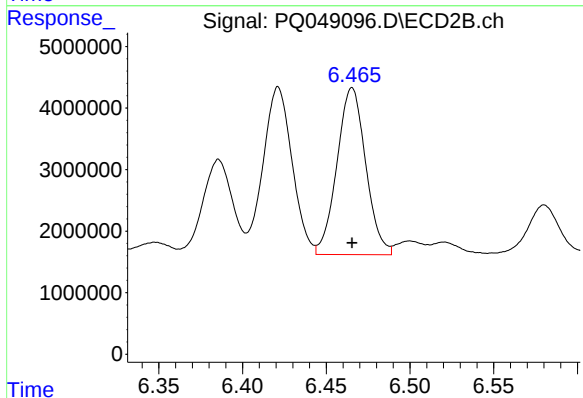
R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 19787290
Conc: 123.77 ng/ml



#25 AR-1248-5

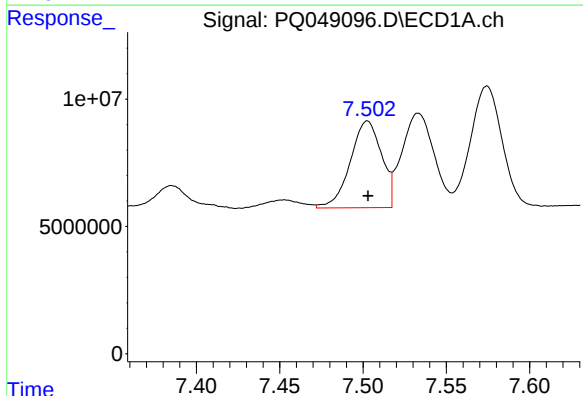
R.T.: 7.575 min
Delta R.T.: 0.000 min
Response: 62792661
Conc: 207.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



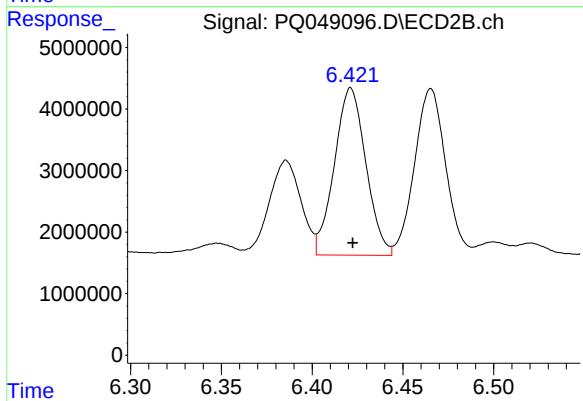
#25 AR-1248-5

R.T.: 6.465 min
Delta R.T.: 0.000 min
Response: 32444296
Conc: 187.67 ng/ml



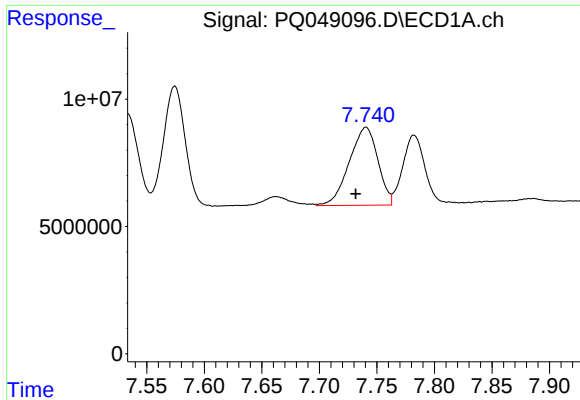
#26 AR-1254-1

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 44537057
Conc: 138.17 ng/ml



#26 AR-1254-1

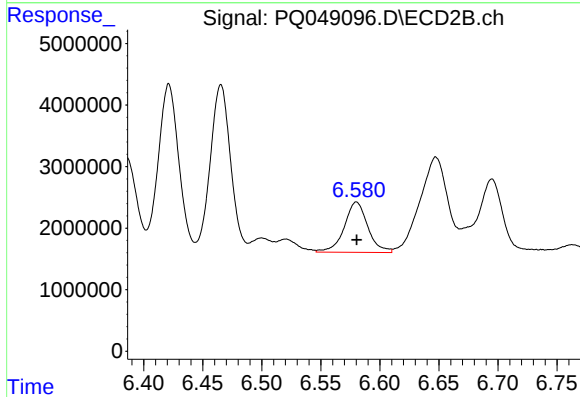
R.T.: 6.421 min
Delta R.T.: -0.001 min
Response: 32825118
Conc: 120.67 ng/ml



#27 AR-1254-2

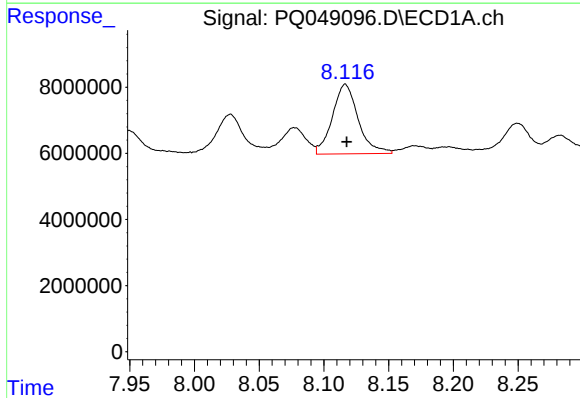
R.T.: 7.741 min
Delta R.T.: 0.009 min
Response: 53122937
Conc: 104.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



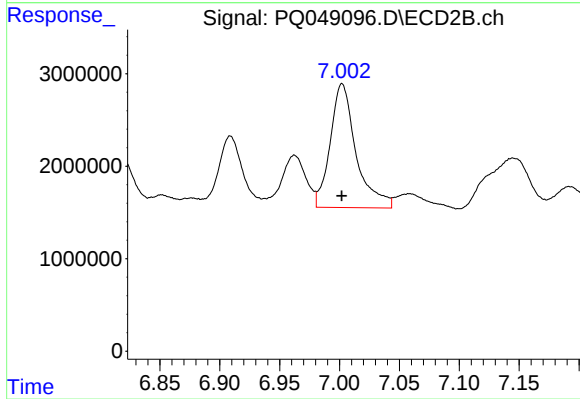
#27 AR-1254-2

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 11413288
Conc: 46.78 ng/ml



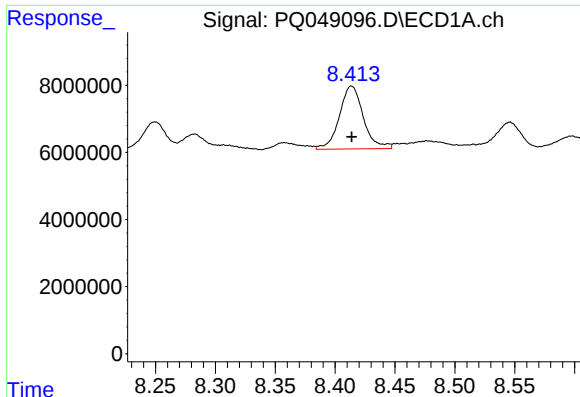
#28 AR-1254-3

R.T.: 8.117 min
Delta R.T.: -0.001 min
Response: 29276824
Conc: 54.76 ng/ml



#28 AR-1254-3

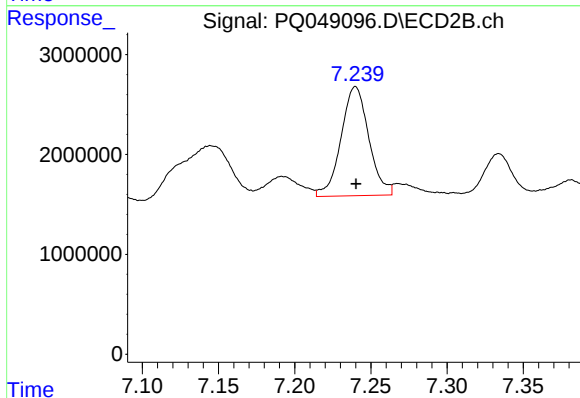
R.T.: 7.002 min
Delta R.T.: 0.000 min
Response: 20143668
Conc: 49.95 ng/ml



#29 AR-1254-4

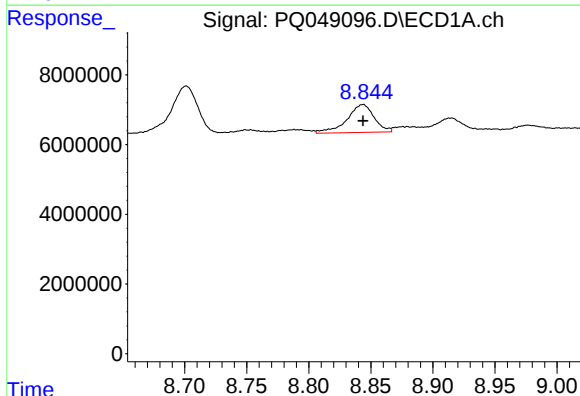
R.T.: 8.414 min
Delta R.T.: 0.000 min
Response: 26165190
Conc: 55.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



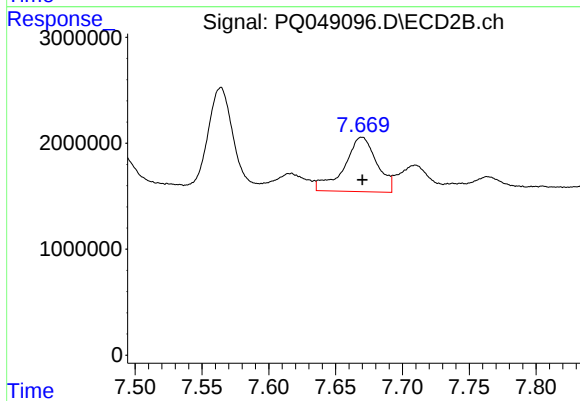
#29 AR-1254-4

R.T.: 7.240 min
Delta R.T.: 0.000 min
Response: 13860060
Conc: 51.39 ng/ml



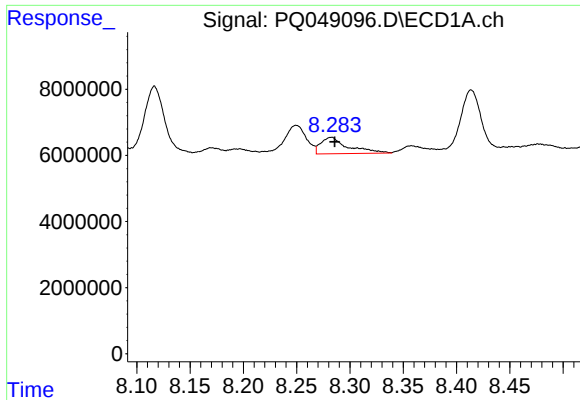
#30 AR-1254-5

R.T.: 8.844 min
Delta R.T.: 0.000 min
Response: 12238132
Conc: 25.51 ng/ml



#30 AR-1254-5

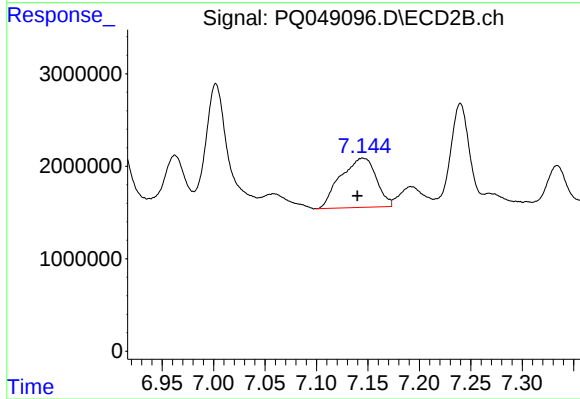
R.T.: 7.670 min
Delta R.T.: 0.000 min
Response: 8725003
Conc: 23.69 ng/ml



#31 AR-1260-1

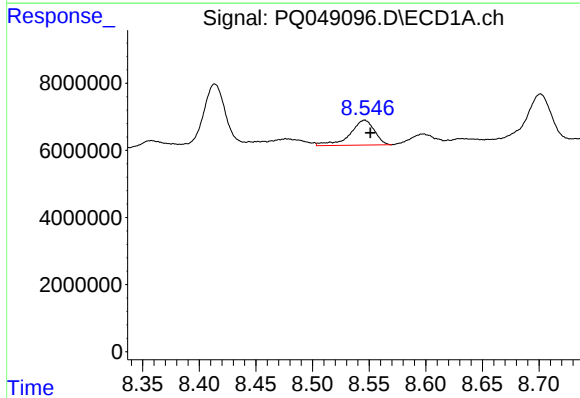
R.T.: 8.283 min
Delta R.T.: -0.003 min
Response: 8807699
Conc: 24.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



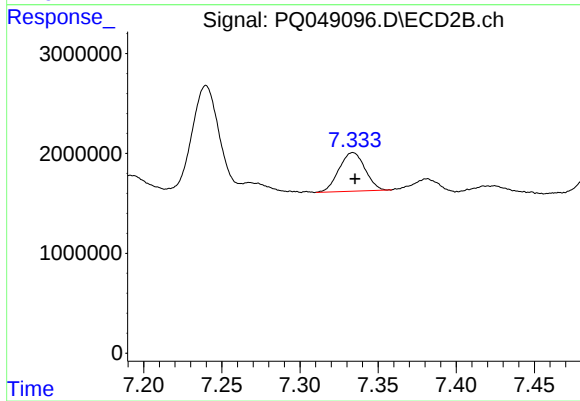
#31 AR-1260-1

R.T.: 7.145 min
Delta R.T.: 0.005 min
Response: 12888011
Conc: 56.51 ng/ml



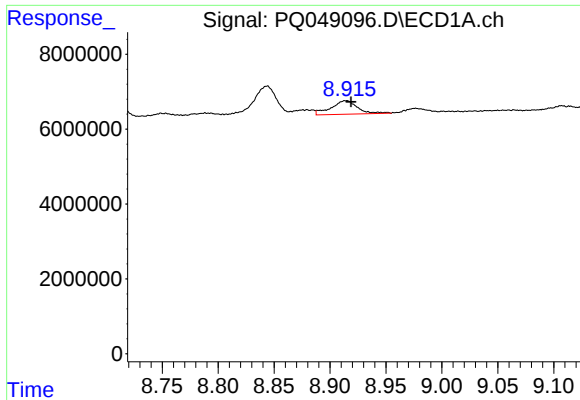
#32 AR-1260-2

R.T.: 8.546 min
Delta R.T.: -0.005 min
Response: 11222137
Conc: 22.57 ng/ml



#32 AR-1260-2

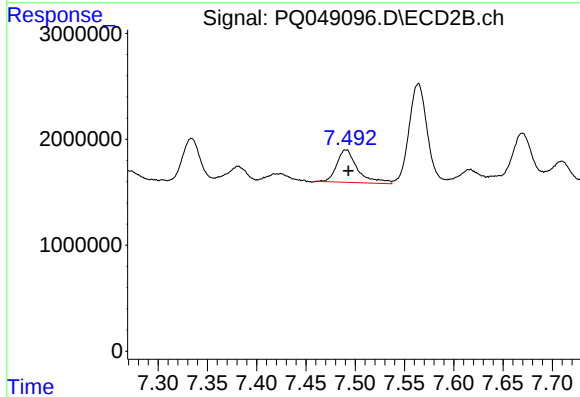
R.T.: 7.334 min
Delta R.T.: -0.001 min
Response: 4485836
Conc: 15.50 ng/ml



#33 AR-1260-3

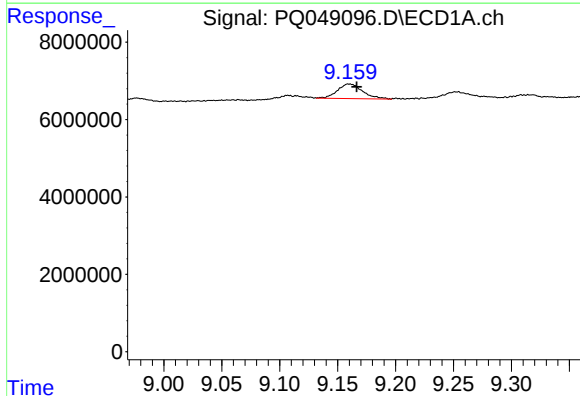
R.T.: 8.915 min
Delta R.T.: -0.004 min
Response: 6023242
Conc: 14.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



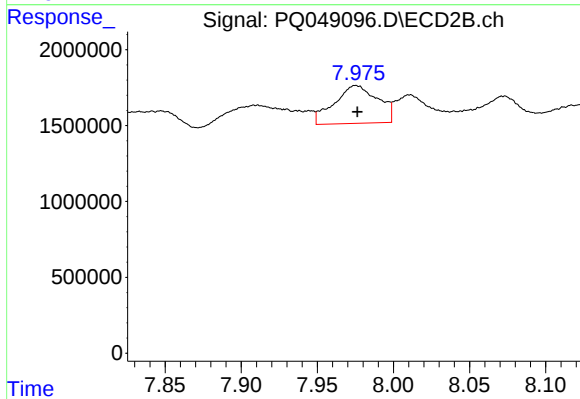
#33 AR-1260-3

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 4523795
Conc: 17.49 ng/ml



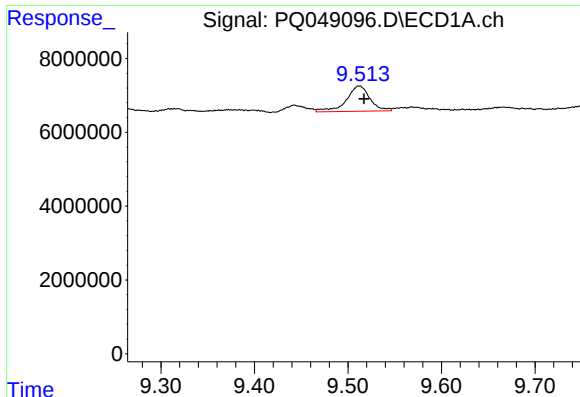
#34 AR-1260-4

R.T.: 9.160 min
Delta R.T.: -0.007 min
Response: 5647851
Conc: 13.55 ng/ml



#34 AR-1260-4

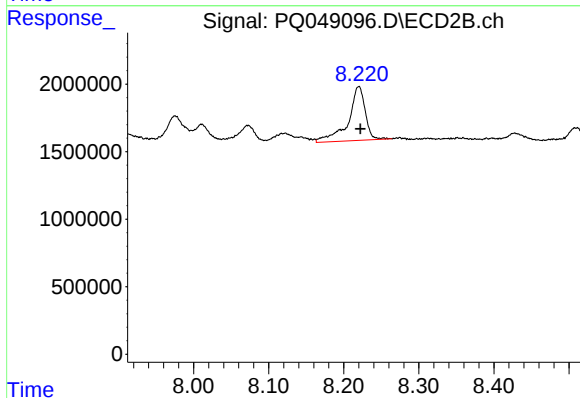
R.T.: 7.975 min
Delta R.T.: -0.001 min
Response: 4956891
Conc: 21.74 ng/ml



#35 AR-1260-5

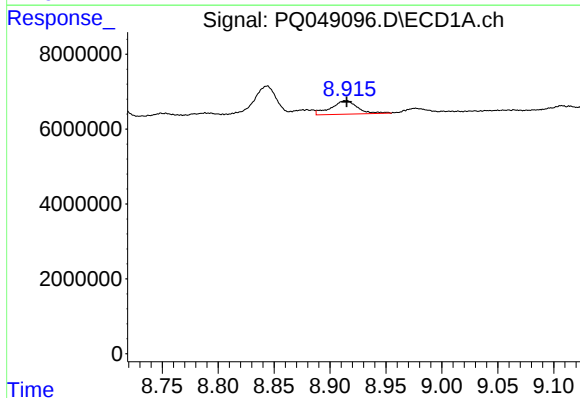
R.T.: 9.512 min
Delta R.T.: -0.005 min
Response: 12071554
Conc: 11.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



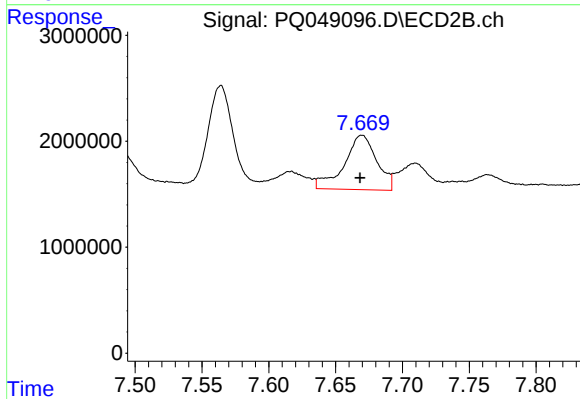
#35 AR-1260-5

R.T.: 8.220 min
Delta R.T.: -0.002 min
Response: 6263647
Conc: 10.54 ng/ml



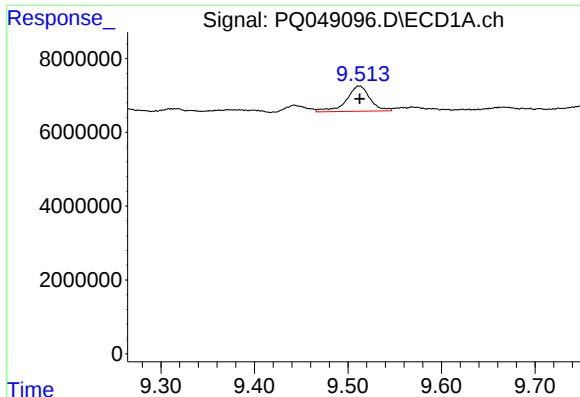
#36 AR-1262-1

R.T.: 8.915 min
Delta R.T.: 0.000 min
Response: 6023242
Conc: 8.38 ng/ml



#36 AR-1262-1

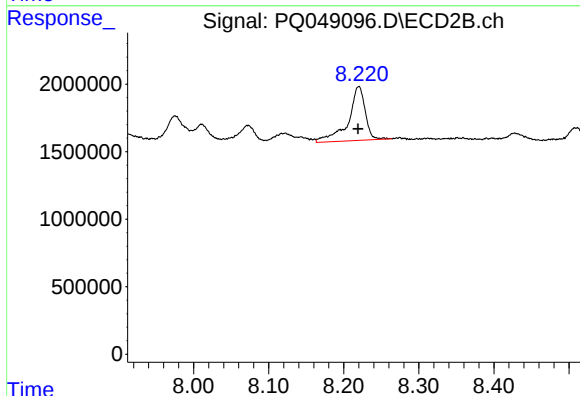
R.T.: 7.670 min
Delta R.T.: 0.001 min
Response: 8725003
Conc: 41.80 ng/ml



#37 AR-1262-2

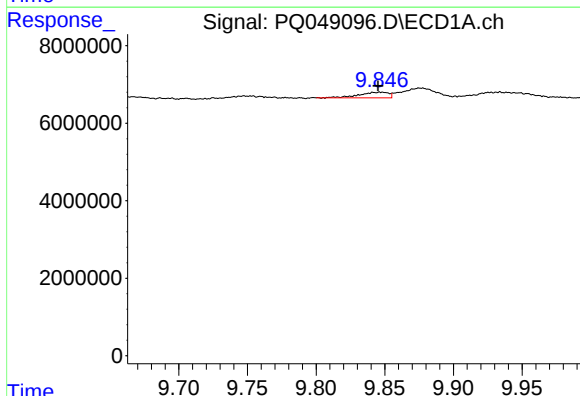
R.T.: 9.512 min
Delta R.T.: 0.000 min
Response: 12071554
Conc: 8.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



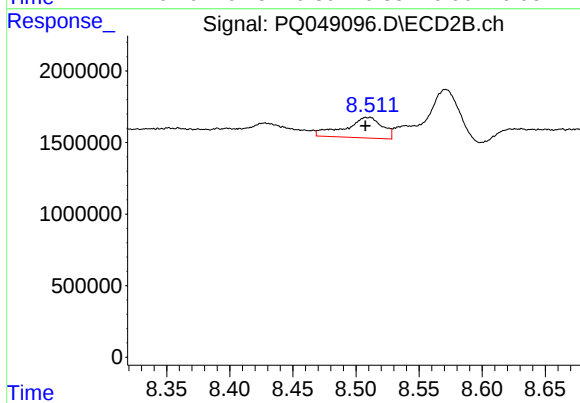
#37 AR-1262-2

R.T.: 8.220 min
Delta R.T.: 0.000 min
Response: 6263647
Conc: 7.92 ng/ml



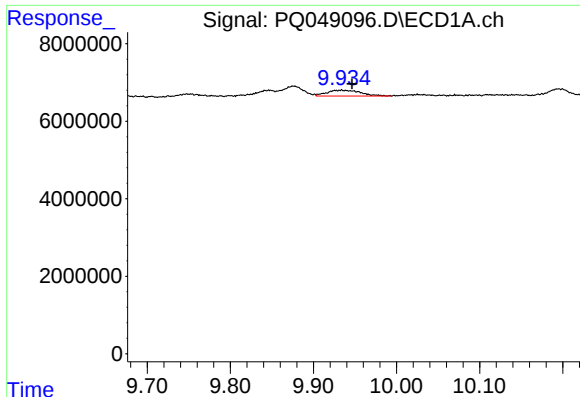
#38 AR-1262-3

R.T.: 9.847 min
Delta R.T.: 0.002 min
Response: 2139295
Conc: 3.31 ng/ml



#38 AR-1262-3

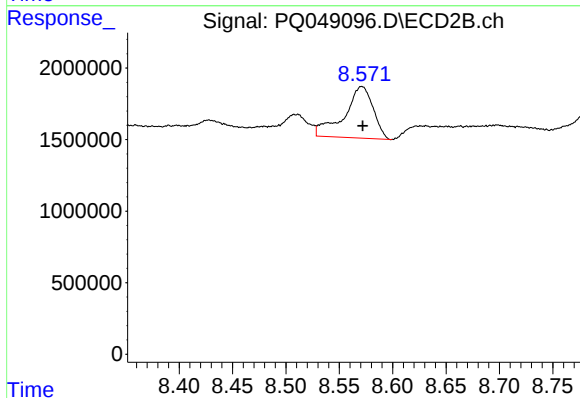
R.T.: 8.510 min
Delta R.T.: 0.003 min
Response: 2957122
Conc: 9.17 ng/ml



#39 AR-1262-4

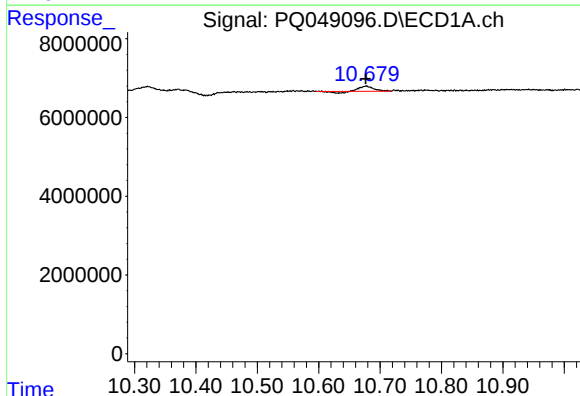
R.T.: 9.934 min
Delta R.T.: -0.013 min
Response: 4246362
Conc: 5.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



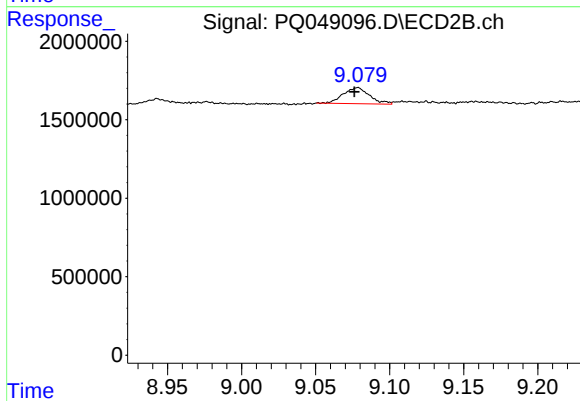
#39 AR-1262-4

R.T.: 8.571 min
Delta R.T.: 0.000 min
Response: 6836770
Conc: 11.60 ng/ml



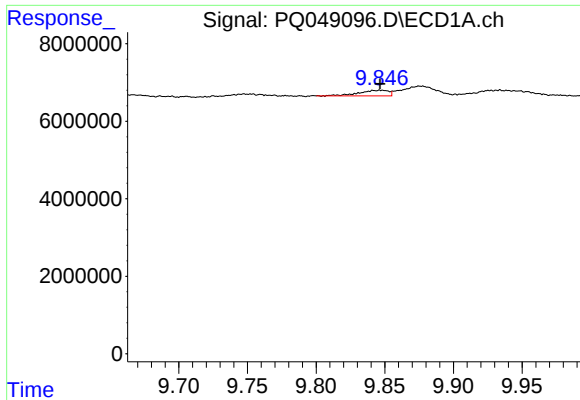
#40 AR-1262-5

R.T.: 10.678 min
Delta R.T.: 0.000 min
Response: 1645443
Conc: 2.98 ng/ml



#40 AR-1262-5

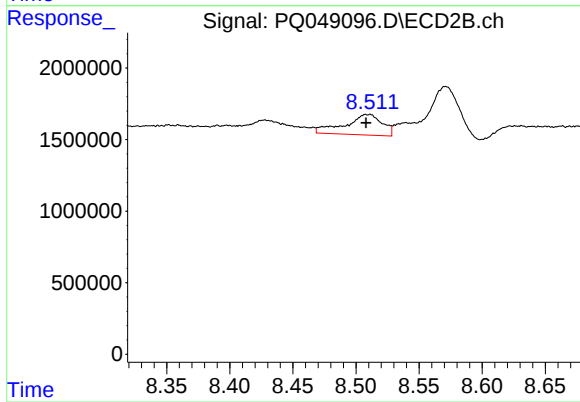
R.T.: 9.078 min
Delta R.T.: 0.002 min
Response: 1271264
Conc: 4.51 ng/ml



#41 AR-1268-1

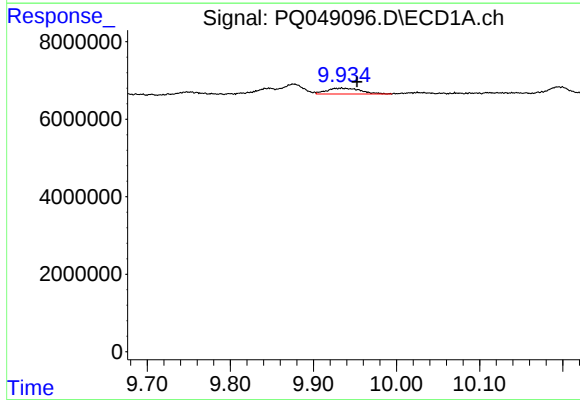
R.T.: 9.847 min
Delta R.T.: 0.000 min
Response: 2139295
Conc: 1.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



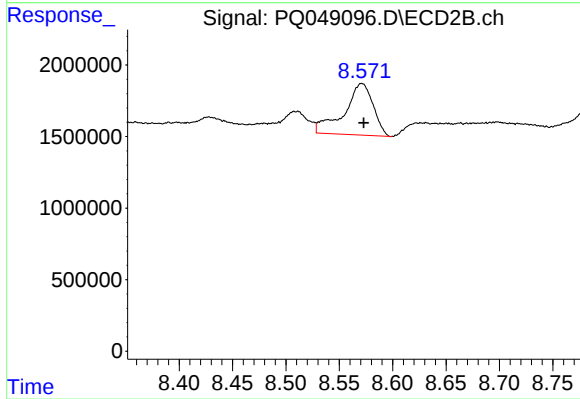
#41 AR-1268-1

R.T.: 8.510 min
Delta R.T.: 0.002 min
Response: 2957122
Conc: 3.20 ng/ml



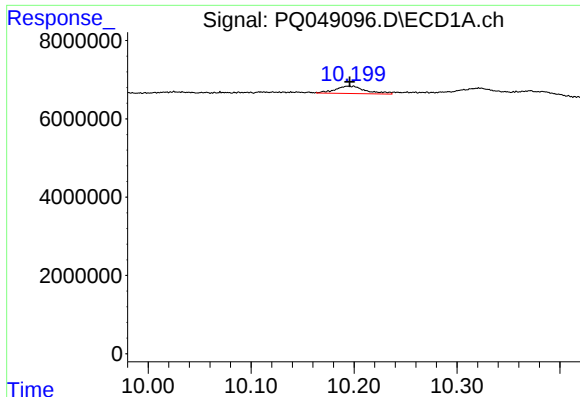
#42 AR-1268-2

R.T.: 9.934 min
Delta R.T.: -0.019 min
Response: 4246362
Conc: 2.70 ng/ml



#42 AR-1268-2

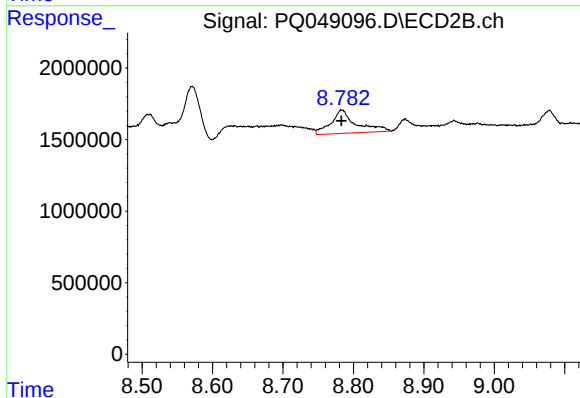
R.T.: 8.571 min
Delta R.T.: -0.002 min
Response: 6836770
Conc: 7.94 ng/ml



#43 AR-1268-3

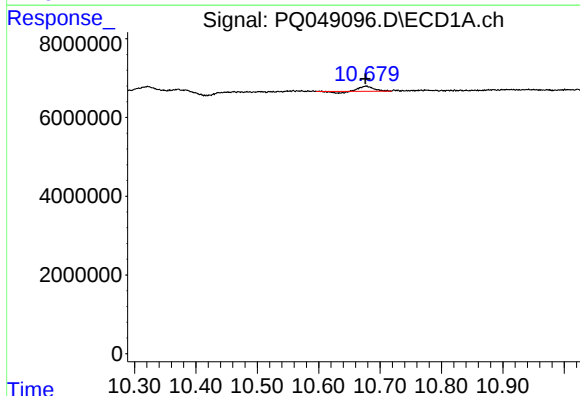
R.T.: 10.195 min
Delta R.T.: -0.001 min
Response: 3892410
Conc: 2.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



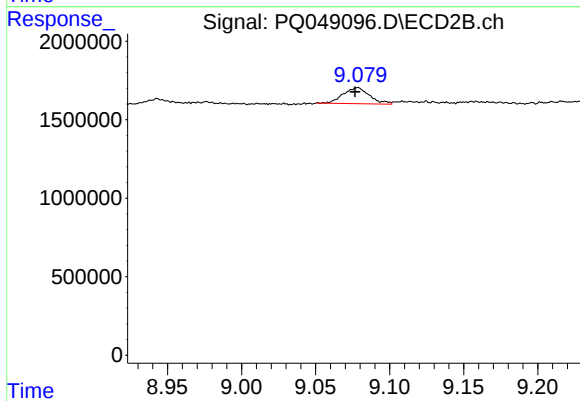
#43 AR-1268-3

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 4057718
Conc: 5.64 ng/ml



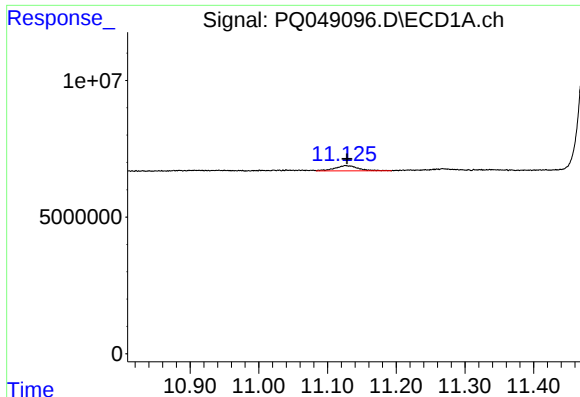
#44 AR-1268-4

R.T.: 10.678 min
Delta R.T.: 0.001 min
Response: 1645443
Conc: 2.67 ng/ml



#44 AR-1268-4

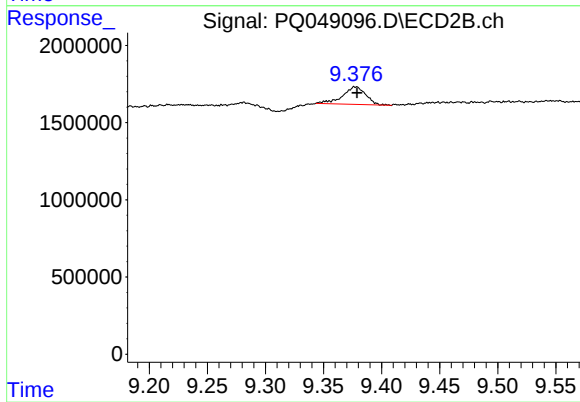
R.T.: 9.078 min
Delta R.T.: 0.002 min
Response: 1271264
Conc: 4.05 ng/ml



#45 AR-1268-5

R.T.: 11.126 min
Delta R.T.: -0.002 min
Response: 4455853
Conc: 1.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.378 min
Delta R.T.: 0.000 min
Response: 1575767
Conc: 0.69 ng/ml