

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012619\
 Data File : PQ036748.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jan 2019 12:59
 Operator : SM\SJ
 Sample : K1223-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 TS-Q

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 27 23:43:42 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...	4.346	3.704	68421438	39729687	14.865	16.582
2)	SA Decachlor...	9.950	8.645	39308520	17372420	10.782	9.235
Target Compounds							
3)	L1 AR-1016-1	0.000	4.804	0	8001631	N.D.	106.232 #
4)	L1 AR-1016-2	0.000	4.804	0	8001631	N.D.	71.894 #
5)	L1 AR-1016-3	5.651	4.970	6126750	1444711	49.426	25.617 #
6)	L1 AR-1016-4	5.651	5.006	6126750	1300480	61.609	28.788 #
7)	L1 AR-1016-5	5.968	5.166	12343637	11254864	125.044	192.955 #
9)	L2 AR-1221-2	0.000	4.002	0	2212198	N.D.	117.864 #
10)	L2 AR-1221-3	4.730	4.070	7270920	2178450	65.037	36.166 #
11)	L3 AR-1232-1	4.730	4.070	7270920	2178450	78.095	43.300 #
12)	L3 AR-1232-2	5.209	4.804	5634201	8001631	119.879	149.178
13)	L3 AR-1232-3	0.000	4.970	0	1444711	N.D.	56.555 #
14)	L3 AR-1232-4	5.651	5.078	6126750	10515026	131.664	444.134 #
15)	L3 AR-1232-5	5.769	5.166	2399636	11254864	69.915	445.501 #
16)	L4 AR-1242-1	0.000	4.804	0	8001631	N.D.	127.416 #
17)	L4 AR-1242-2	0.000	4.804	0	8001631	N.D.	85.735 #
18)	L4 AR-1242-3	5.651	4.970	6126750	1444711	59.073	30.875 #
19)	L4 AR-1242-4	5.651	5.078	6126750	10515026	72.840	230.134 #
20)	L4 AR-1242-5	6.416	5.578	2924078	13310874	32.226	237.786 #
21)	L5 AR-1248-1	0.000	4.804	0	8001631	N.D.	162.253 #
22)	L5 AR-1248-2	5.769	5.006	2399636	1300480	19.668	20.044
23)	L5 AR-1248-3	5.968	5.078	12343637	10515026	89.881	158.676 #
24)	L5 AR-1248-4	6.364	5.166	26253975	11254864	167.279	141.706
25)	L5 AR-1248-5	6.416	5.578	2924078	13310874	19.705	168.466 #
26)	L6 AR-1254-1	6.364	5.578	26253975	13310874	148.053	99.422 #
27)	L6 AR-1254-2	6.571	5.711	17192089	6304125	65.995	56.968
28)	L6 AR-1254-3	6.932	6.116	11072306	7589399	41.355	42.164
29)	L6 AR-1254-4	7.212	6.338	3732679	1893698	18.814	14.351
30)	L6 AR-1254-5	7.629	6.748	15545517	10734898	76.144	71.478
31)	L7 AR-1260-1	7.087	6.236	11796464	6949615	60.569	60.541
32)	L7 AR-1260-2	7.342	6.423	20311283	8133943	87.950	57.858 #
33)	L7 AR-1260-3	7.698	6.574	6990794	6444691	48.477	50.282
34)	L7 AR-1260-4	7.926	7.040	8773208	3982874	51.527	45.744
35)	L7 AR-1260-5	8.240	7.283	15182463	9112746	45.149	41.738
36)	L8 AR-1262-1	7.698	6.781	6990794	4786007	25.239	28.517
37)	L8 AR-1262-2	8.240	7.283	15182463	9112746	30.962	30.094
38)	L8 AR-1262-3	8.535	7.559	2851300	1598486	13.710	14.232
39)	L8 AR-1262-4	8.609	7.625	5448987	6818571	22.463	31.609 #
40)	L8 AR-1262-5	9.257	8.120	3080620	1621076	18.933	17.237
41)	L9 AR-1268-1	8.535	7.559	2851300	1598486	4.520	4.398
42)	L9 AR-1268-2	8.609	7.625	5448987	6818571	9.259	20.579 #

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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
44) L9	AR-1268-4	9.257	8.120	3080620	1621076	15.818	14.521

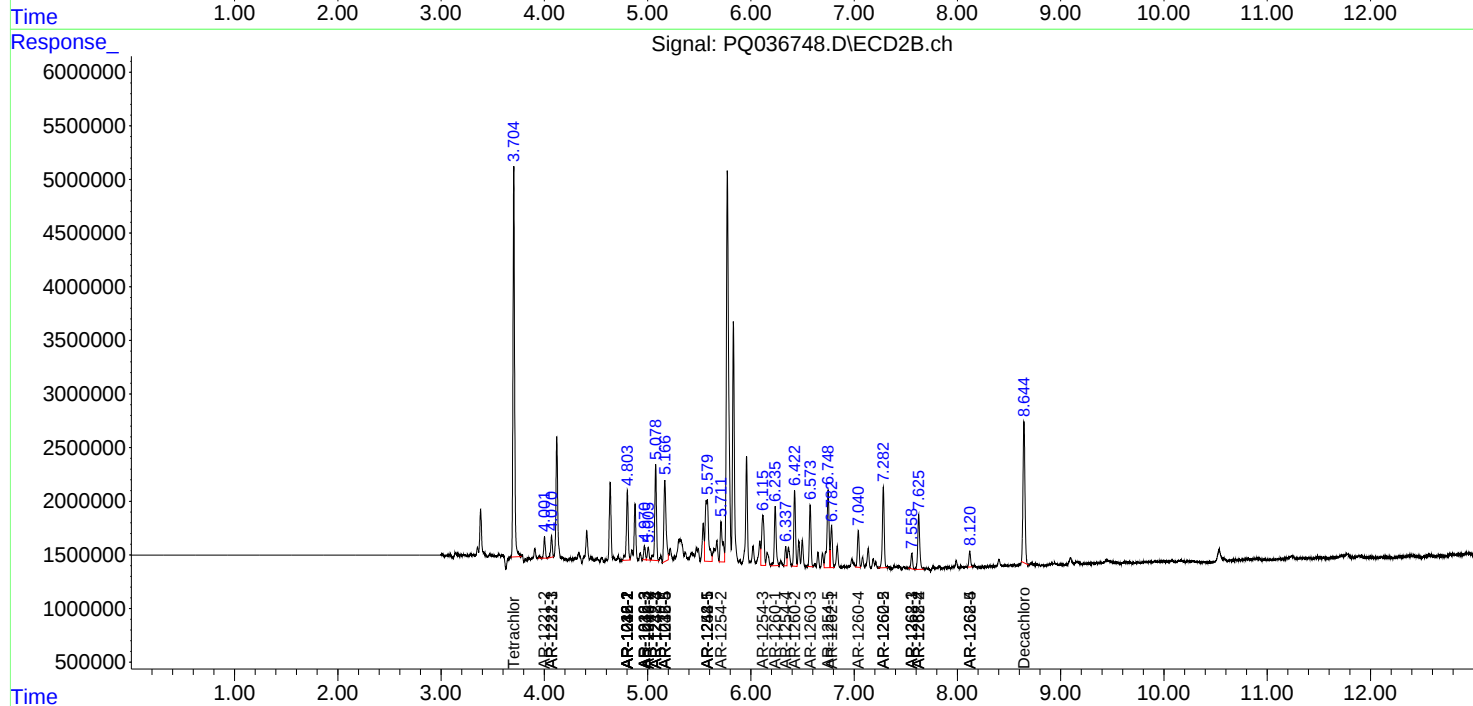
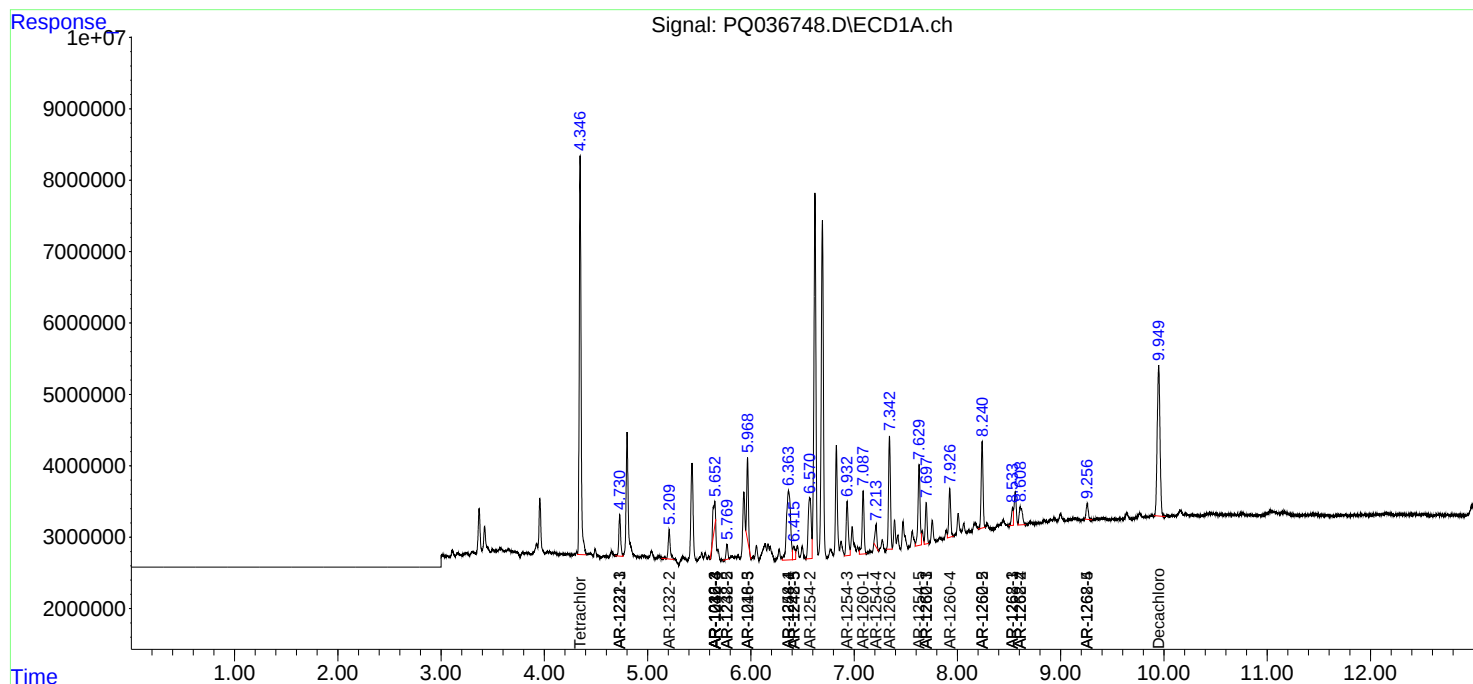
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

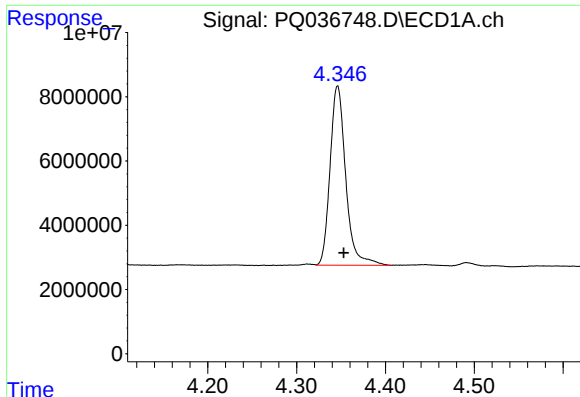
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012619\
Data File : PQ036748.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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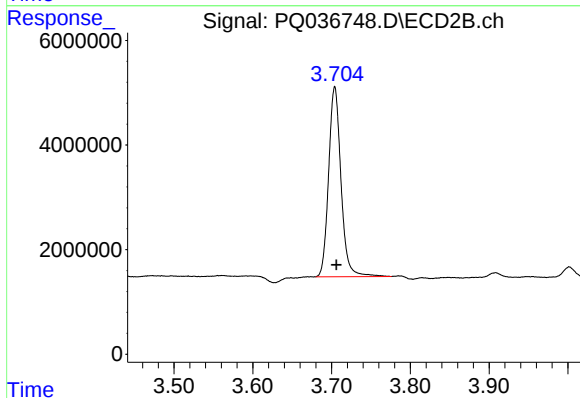




#1 Tetrachloro-m-xylene

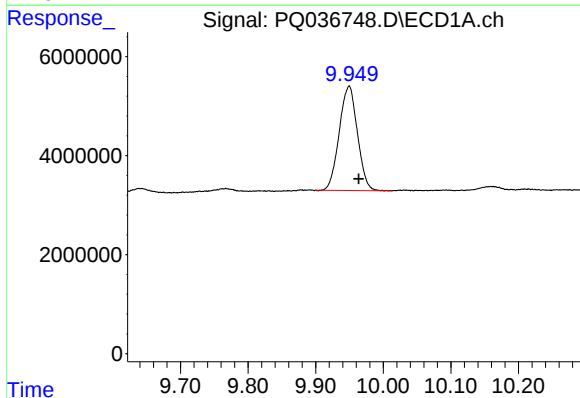
R.T.: 4.346 min
Delta R.T.: -0.007 min
Response: 68421438
Conc: 14.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-Q



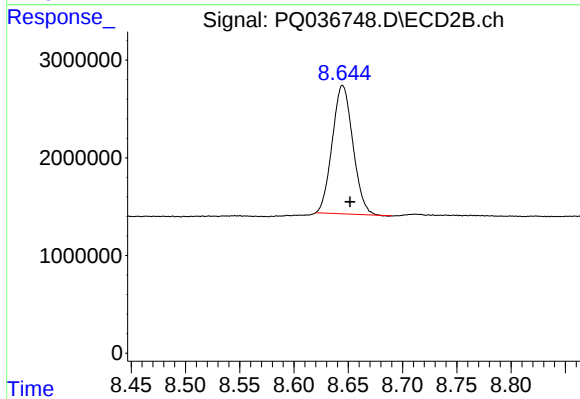
#1 Tetrachloro-m-xylene

R.T.: 3.704 min
Delta R.T.: -0.002 min
Response: 39729687
Conc: 16.58 ng/ml



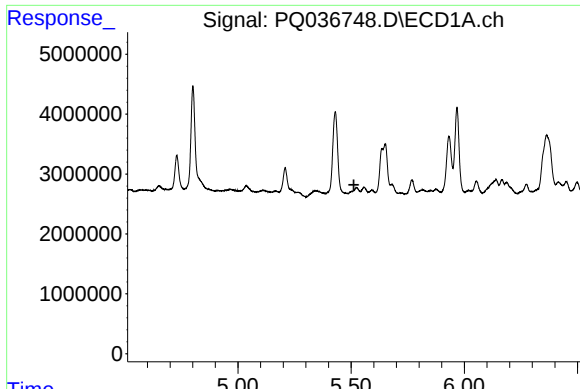
#2 Decachlorobiphenyl

R.T.: 9.950 min
Delta R.T.: -0.014 min
Response: 39308520
Conc: 10.78 ng/ml



#2 Decachlorobiphenyl

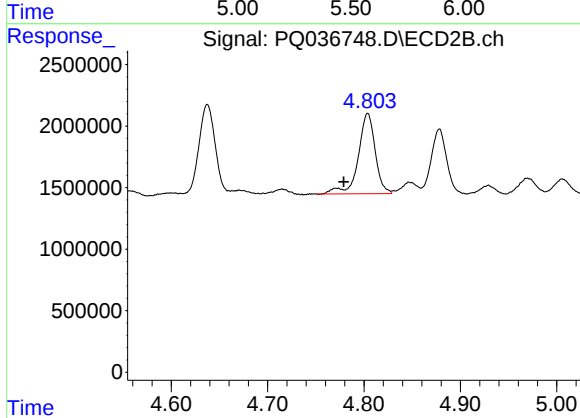
R.T.: 8.645 min
Delta R.T.: -0.007 min
Response: 17372420
Conc: 9.23 ng/ml



#3 AR-1016-1

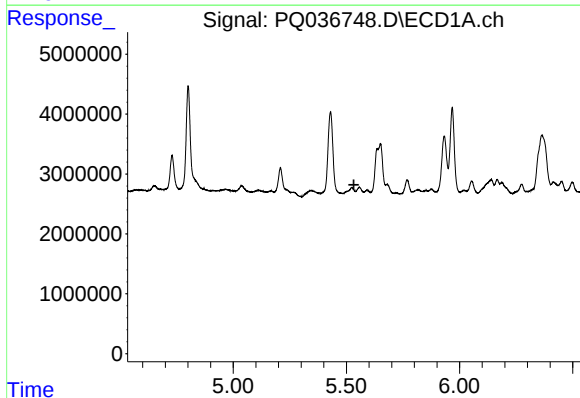
R.T.: 0.000 min
Exp R.T.: 5.512 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
TS-Q



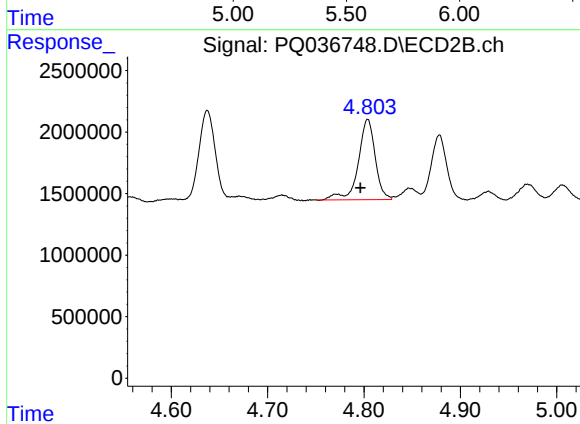
#3 AR-1016-1

R.T.: 4.804 min
Delta R.T.: 0.025 min
Response: 8001631
Conc: 106.23 ng/ml



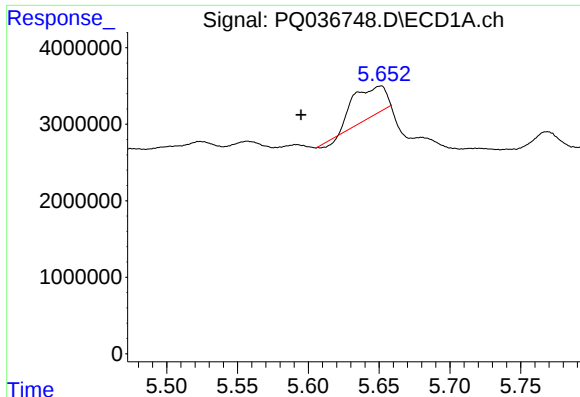
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.533 min
Response: 0
Conc: N.D.



#4 AR-1016-2

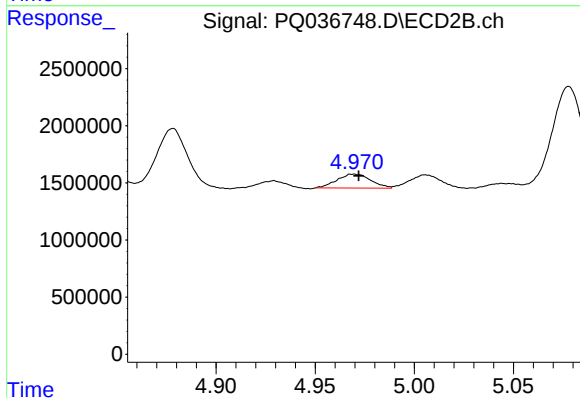
R.T.: 4.804 min
Delta R.T.: 0.008 min
Response: 8001631
Conc: 71.89 ng/ml



#5 AR-1016-3

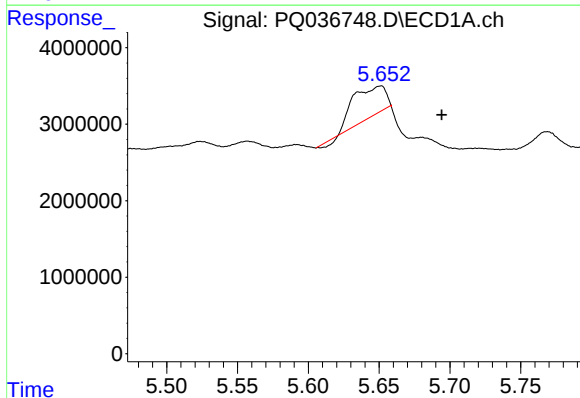
R.T.: 5.651 min
Delta R.T.: 0.056 min
Response: 6126750
Conc: 49.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-Q



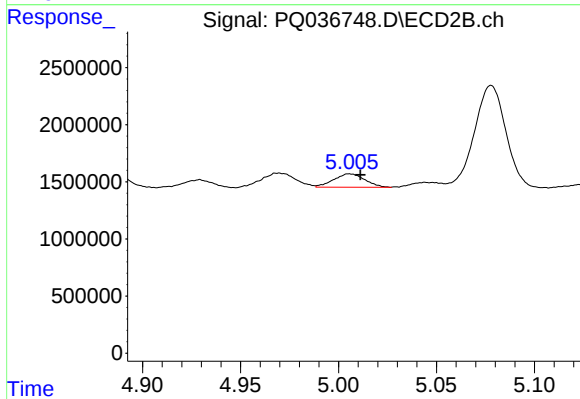
#5 AR-1016-3

R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 1444711
Conc: 25.62 ng/ml



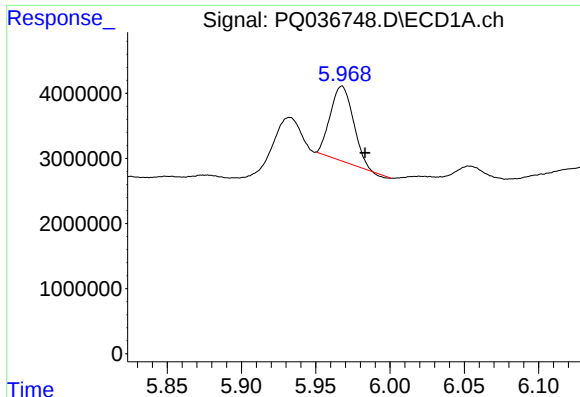
#6 AR-1016-4

R.T.: 5.651 min
Delta R.T.: -0.043 min
Response: 6126750
Conc: 61.61 ng/ml



#6 AR-1016-4

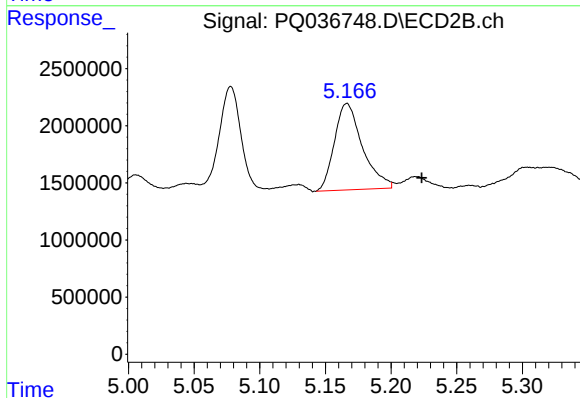
R.T.: 5.006 min
Delta R.T.: -0.005 min
Response: 1300480
Conc: 28.79 ng/ml



#7 AR-1016-5

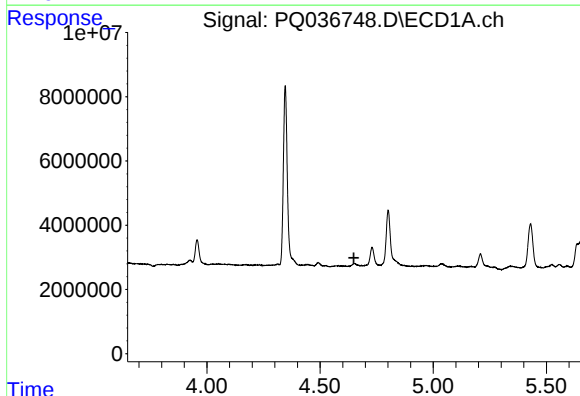
R.T.: 5.968 min
Delta R.T.: -0.016 min
Response: 12343637
Conc: 125.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-Q



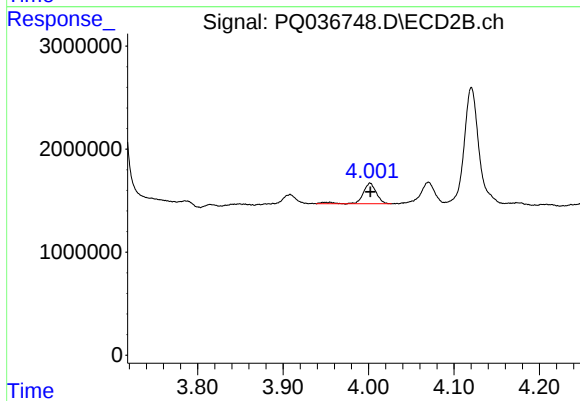
#7 AR-1016-5

R.T.: 5.166 min
Delta R.T.: -0.057 min
Response: 11254864
Conc: 192.96 ng/ml



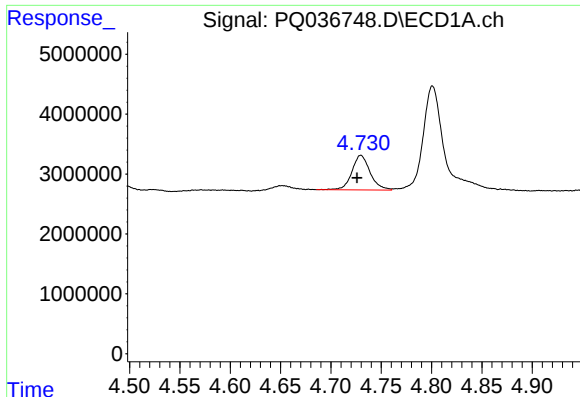
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.650 min
Response: 0
Conc: N.D.



#9 AR-1221-2

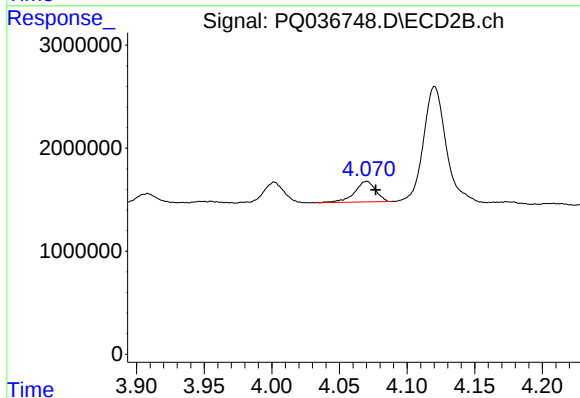
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 2212198
Conc: 117.86 ng/ml



#10 AR-1221-3

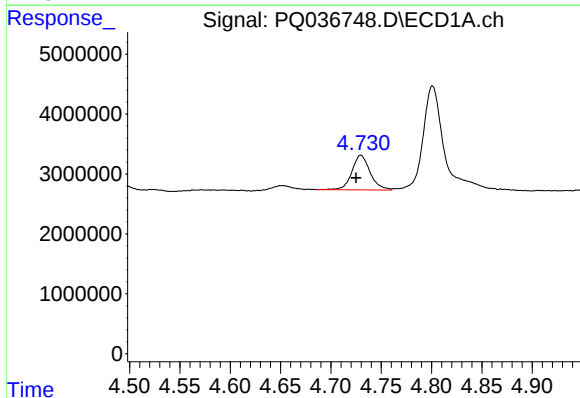
R.T.: 4.730 min
Delta R.T.: 0.004 min
Response: 7270920
Conc: 65.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-Q



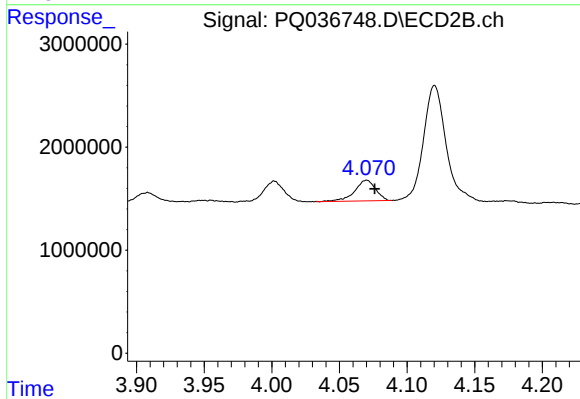
#10 AR-1221-3

R.T.: 4.070 min
Delta R.T.: -0.007 min
Response: 2178450
Conc: 36.17 ng/ml



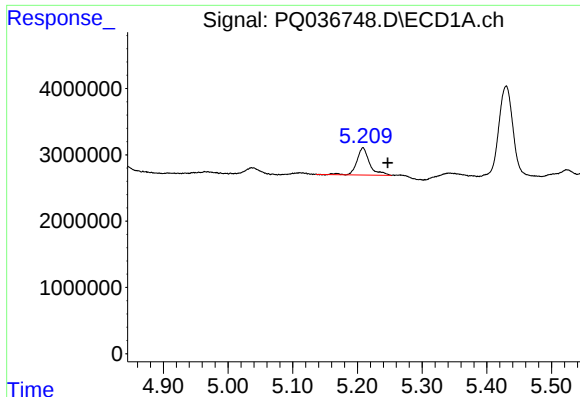
#11 AR-1232-1

R.T.: 4.730 min
Delta R.T.: 0.005 min
Response: 7270920
Conc: 78.10 ng/ml



#11 AR-1232-1

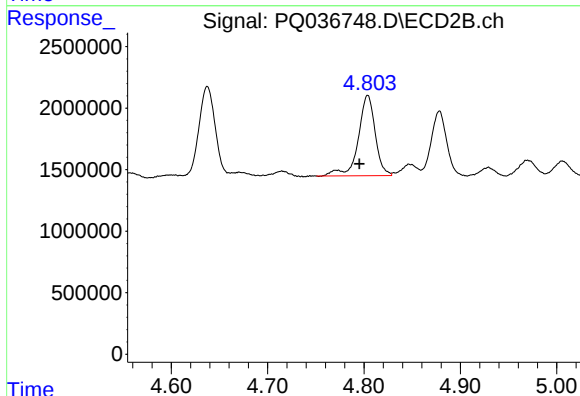
R.T.: 4.070 min
Delta R.T.: -0.006 min
Response: 2178450
Conc: 43.30 ng/ml



#12 AR-1232-2

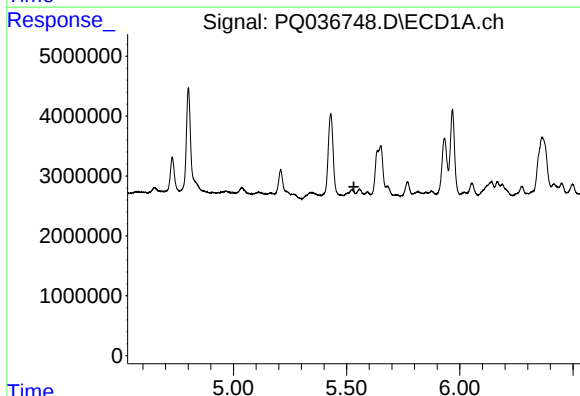
R.T.: 5.209 min
Delta R.T.: -0.038 min
Response: 5634201
Conc: 119.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-Q



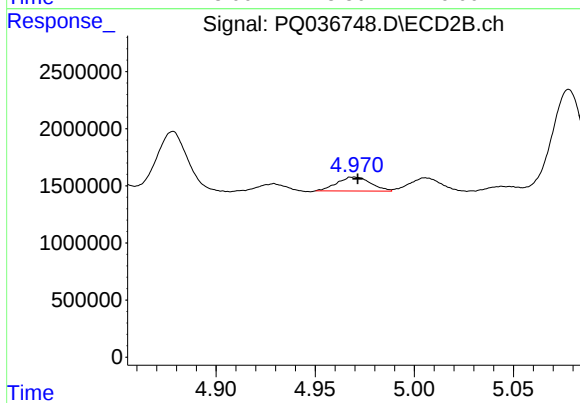
#12 AR-1232-2

R.T.: 4.804 min
Delta R.T.: 0.009 min
Response: 8001631
Conc: 149.18 ng/ml



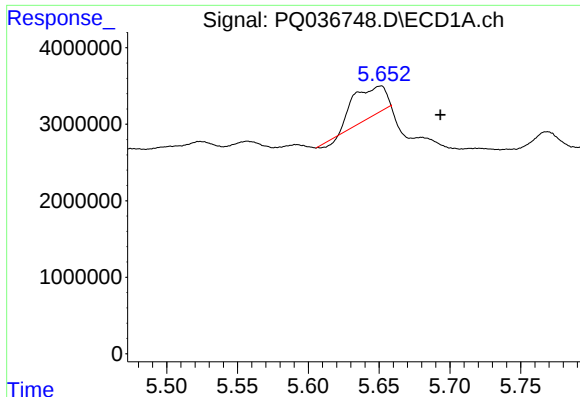
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.532 min
Response: 0
Conc: N.D.



#13 AR-1232-3

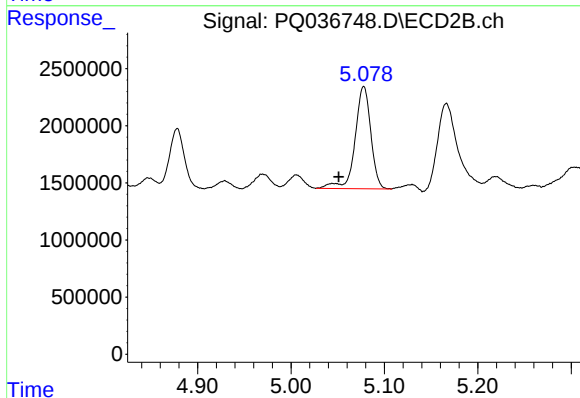
R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 1444711
Conc: 56.55 ng/ml



#14 AR-1232-4

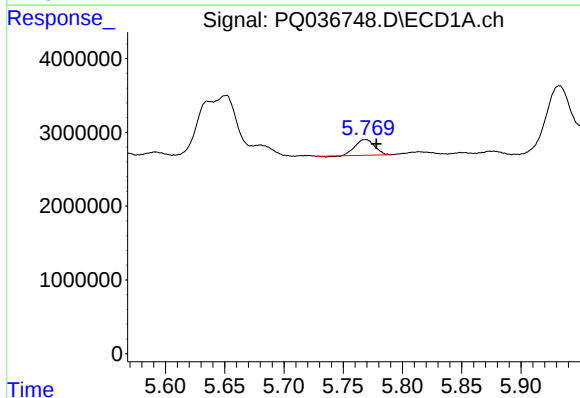
R.T.: 5.651 min
Delta R.T.: -0.042 min
Response: 6126750
Conc: 131.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-Q



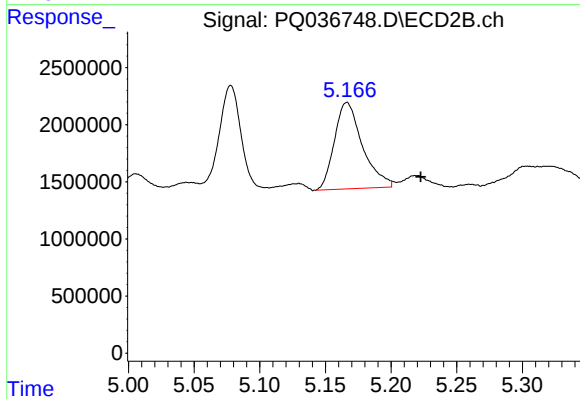
#14 AR-1232-4

R.T.: 5.078 min
Delta R.T.: 0.027 min
Response: 10515026
Conc: 444.13 ng/ml



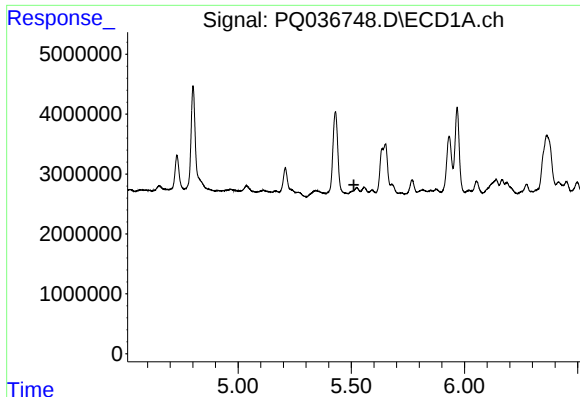
#15 AR-1232-5

R.T.: 5.769 min
Delta R.T.: -0.009 min
Response: 2399636
Conc: 69.91 ng/ml



#15 AR-1232-5

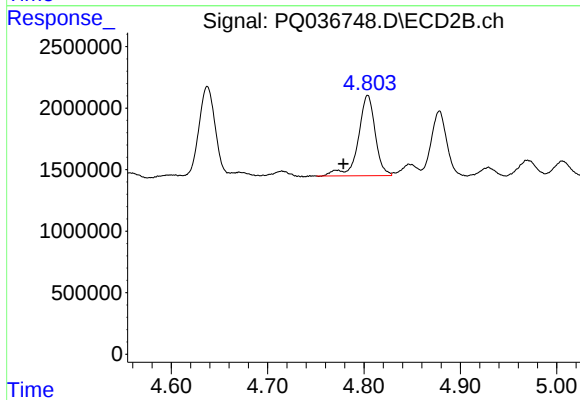
R.T.: 5.166 min
Delta R.T.: -0.056 min
Response: 11254864
Conc: 445.50 ng/ml



#16 AR-1242-1

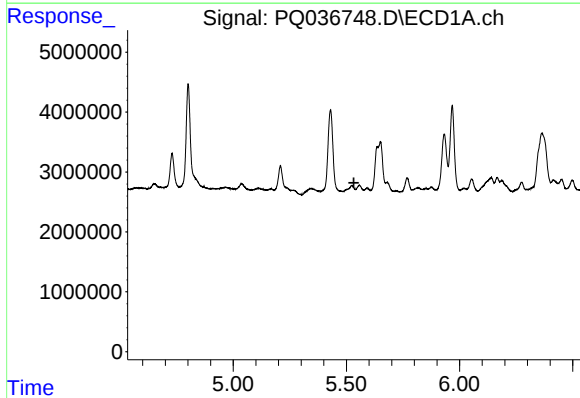
R.T.: 0.000 min
Exp R.T.: 5.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
TS-Q



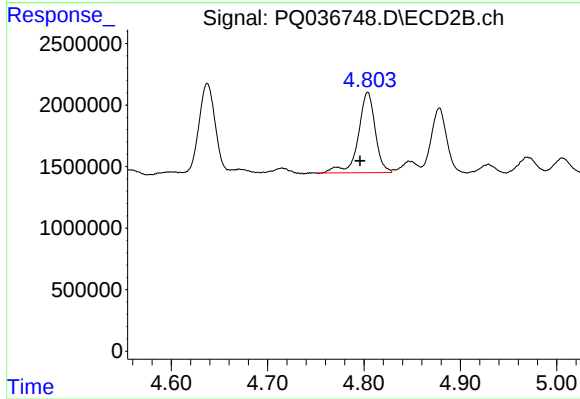
#16 AR-1242-1

R.T.: 4.804 min
Delta R.T.: 0.025 min
Response: 8001631
Conc: 127.42 ng/ml



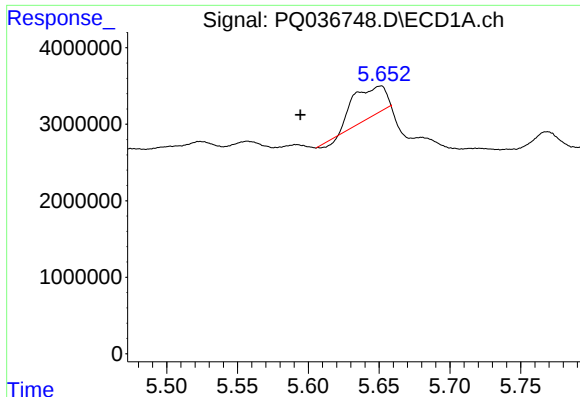
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 5.533 min
Response: 0
Conc: N.D.



#17 AR-1242-2

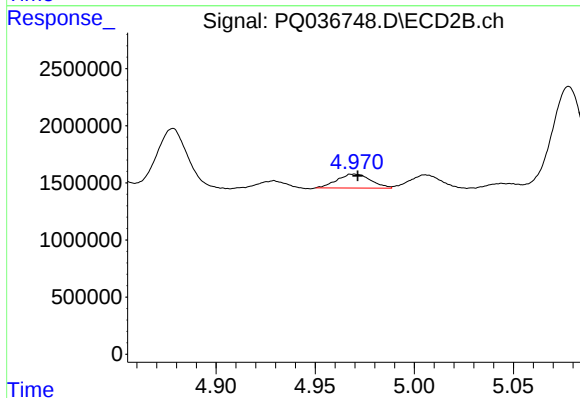
R.T.: 4.804 min
Delta R.T.: 0.008 min
Response: 8001631
Conc: 85.73 ng/ml



#18 AR-1242-3

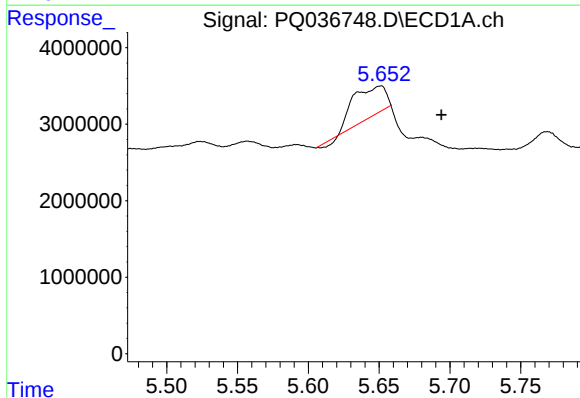
R.T.: 5.651 min
Delta R.T.: 0.057 min
Response: 6126750
Conc: 59.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-Q



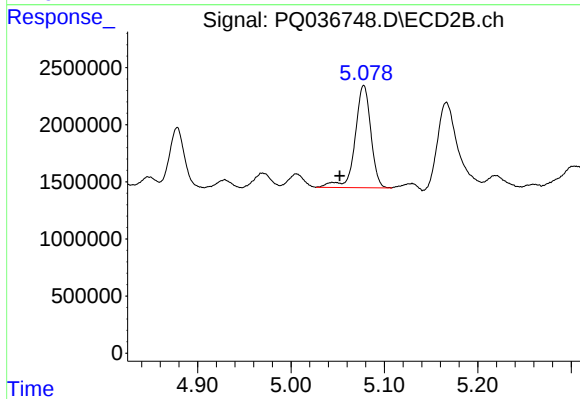
#18 AR-1242-3

R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 1444711
Conc: 30.88 ng/ml



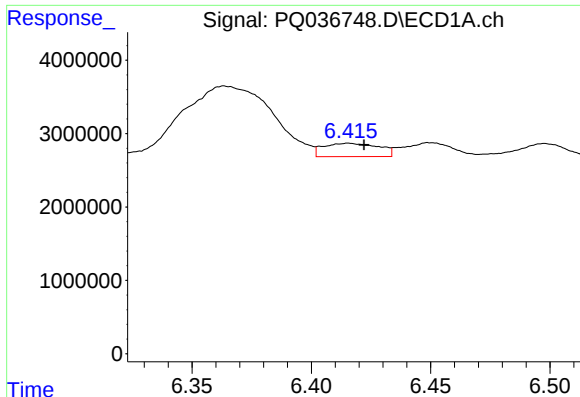
#19 AR-1242-4

R.T.: 5.651 min
Delta R.T.: -0.043 min
Response: 6126750
Conc: 72.84 ng/ml



#19 AR-1242-4

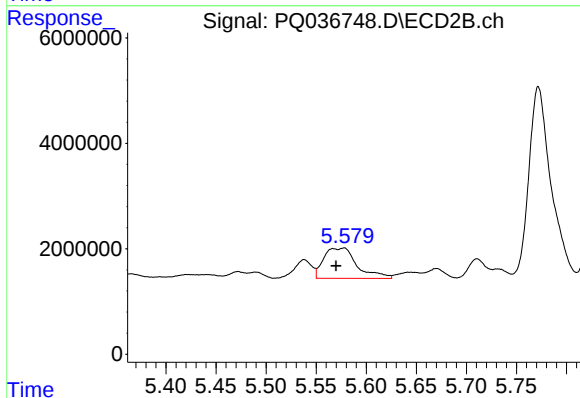
R.T.: 5.078 min
Delta R.T.: 0.026 min
Response: 10515026
Conc: 230.13 ng/ml



#20 AR-1242-5

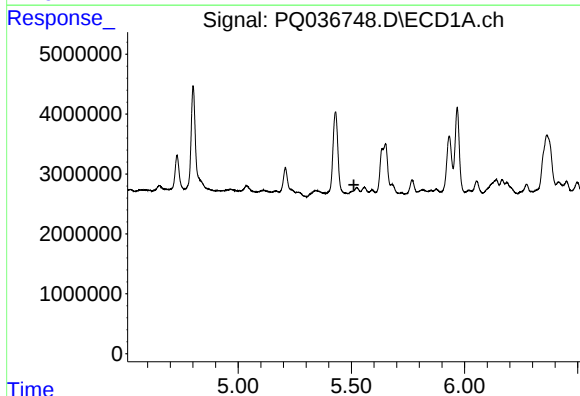
R.T.: 6.416 min
Delta R.T.: -0.006 min
Response: 2924078
Conc: 32.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-Q



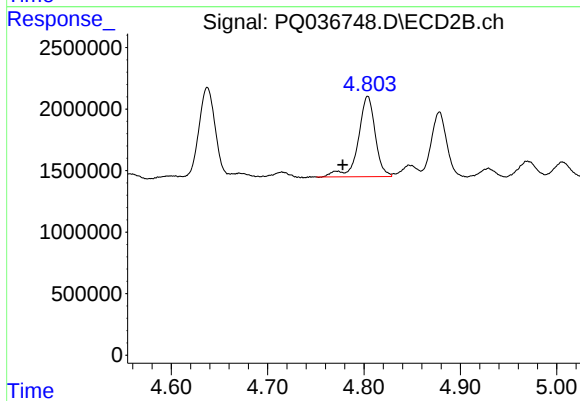
#20 AR-1242-5

R.T.: 5.578 min
Delta R.T.: 0.008 min
Response: 13310874
Conc: 237.79 ng/ml



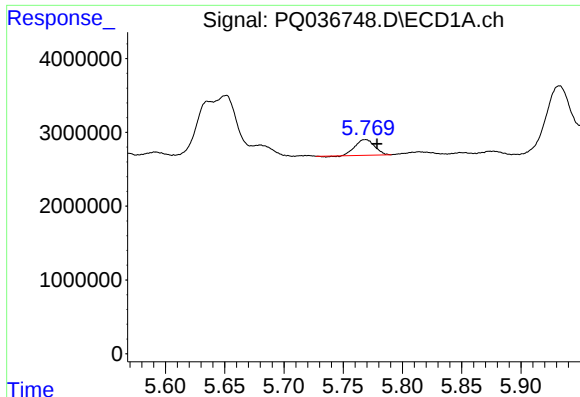
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.511 min
Response: 0
Conc: N.D.



#21 AR-1248-1

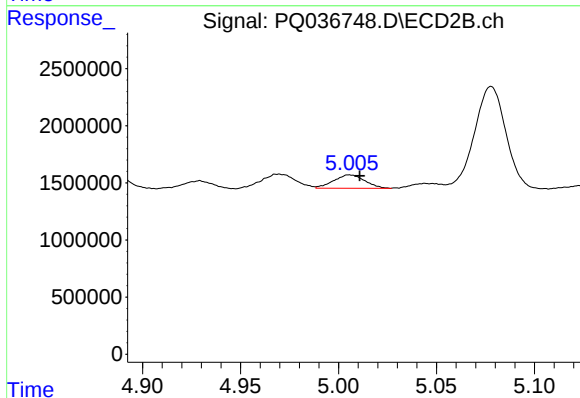
R.T.: 4.804 min
Delta R.T.: 0.026 min
Response: 8001631
Conc: 162.25 ng/ml



#22 AR-1248-2

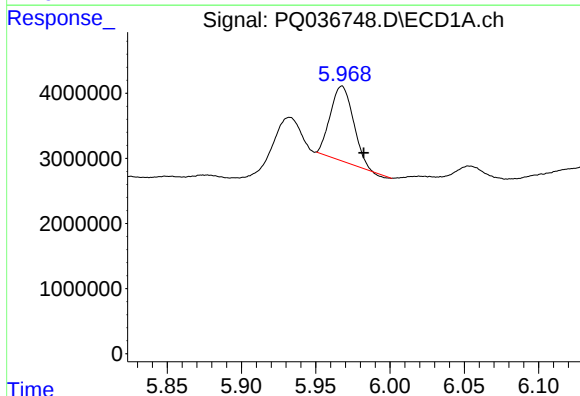
R.T.: 5.769 min
Delta R.T.: -0.010 min
Response: 2399636
Conc: 19.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-Q



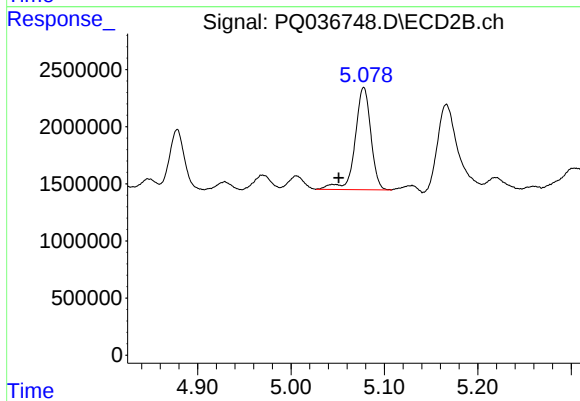
#22 AR-1248-2

R.T.: 5.006 min
Delta R.T.: -0.005 min
Response: 1300480
Conc: 20.04 ng/ml



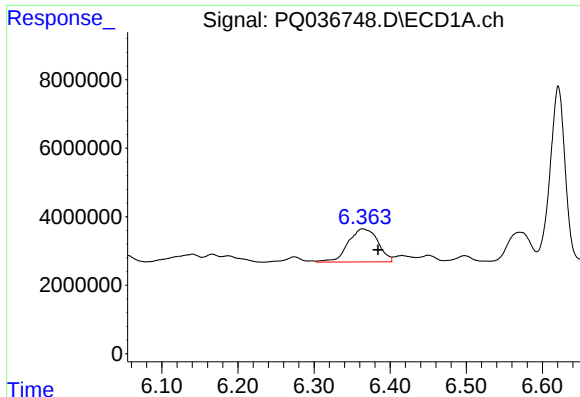
#23 AR-1248-3

R.T.: 5.968 min
Delta R.T.: -0.015 min
Response: 12343637
Conc: 89.88 ng/ml



#23 AR-1248-3

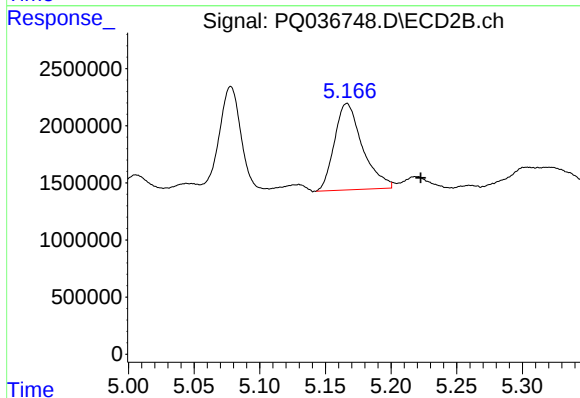
R.T.: 5.078 min
Delta R.T.: 0.027 min
Response: 10515026
Conc: 158.68 ng/ml



#24 AR-1248-4

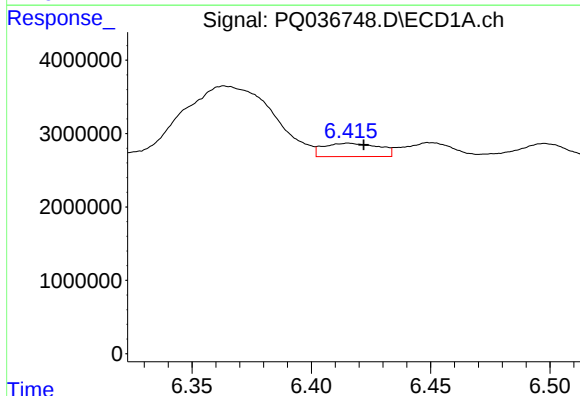
R.T.: 6.364 min
Delta R.T.: -0.020 min
Response: 26253975
Conc: 167.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-Q



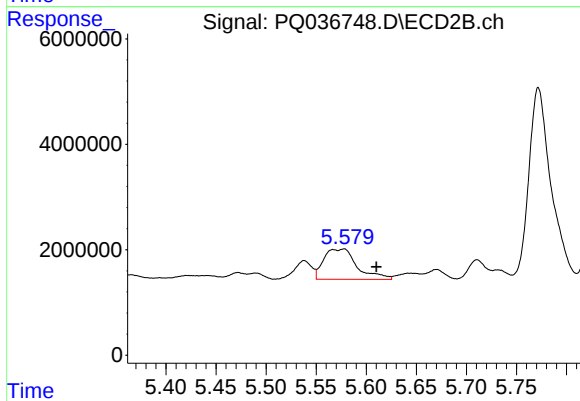
#24 AR-1248-4

R.T.: 5.166 min
Delta R.T.: -0.056 min
Response: 11254864
Conc: 141.71 ng/ml



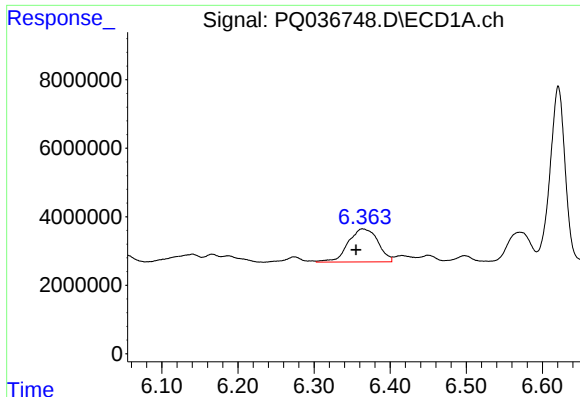
#25 AR-1248-5

R.T.: 6.416 min
Delta R.T.: -0.006 min
Response: 2924078
Conc: 19.70 ng/ml



#25 AR-1248-5

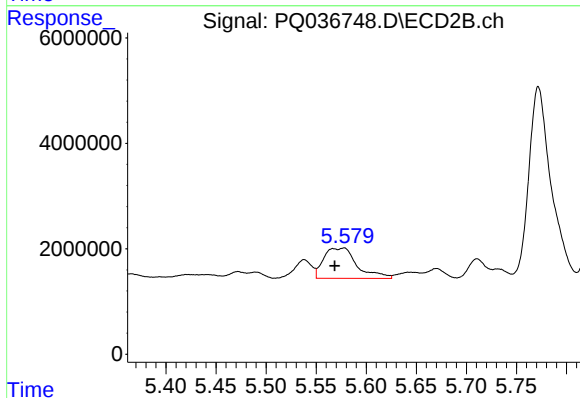
R.T.: 5.578 min
Delta R.T.: -0.032 min
Response: 13310874
Conc: 168.47 ng/ml



#26 AR-1254-1

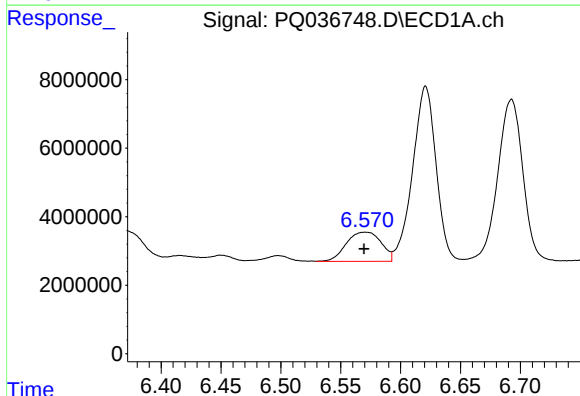
R.T.: 6.364 min
Delta R.T.: 0.009 min
Response: 26253975
Conc: 148.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-Q



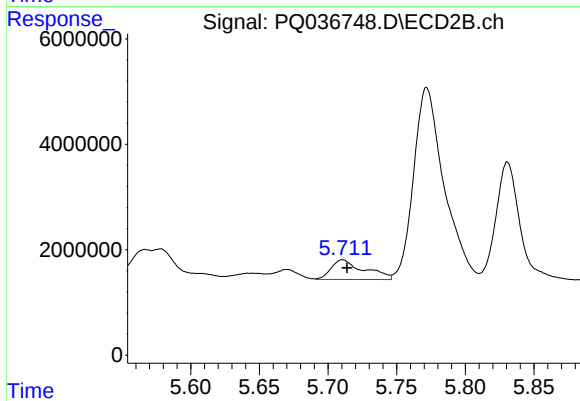
#26 AR-1254-1

R.T.: 5.578 min
Delta R.T.: 0.009 min
Response: 13310874
Conc: 99.42 ng/ml



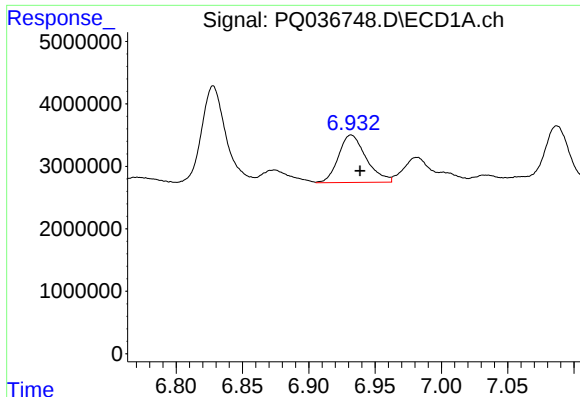
#27 AR-1254-2

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 17192089
Conc: 66.00 ng/ml



#27 AR-1254-2

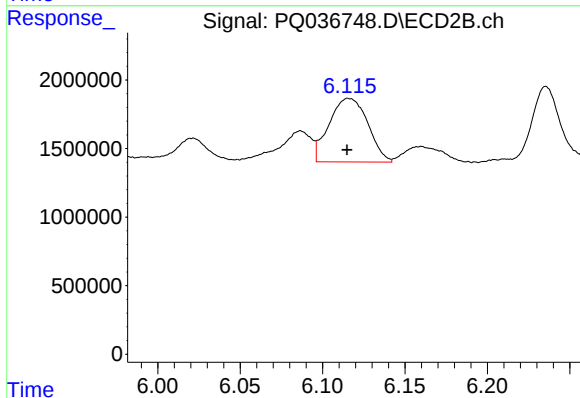
R.T.: 5.711 min
Delta R.T.: -0.003 min
Response: 6304125
Conc: 56.97 ng/ml



#28 AR-1254-3

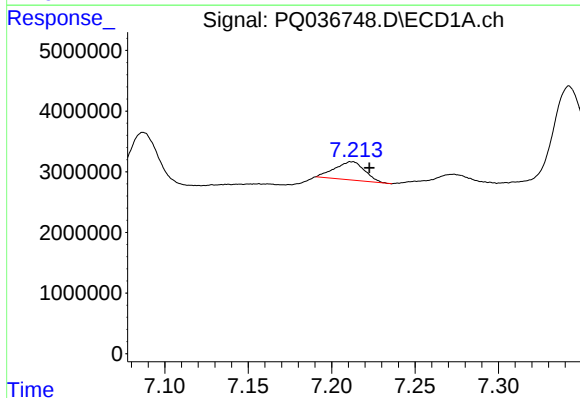
R.T.: 6.932 min
Delta R.T.: -0.007 min
Response: 11072306
Conc: 41.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-Q



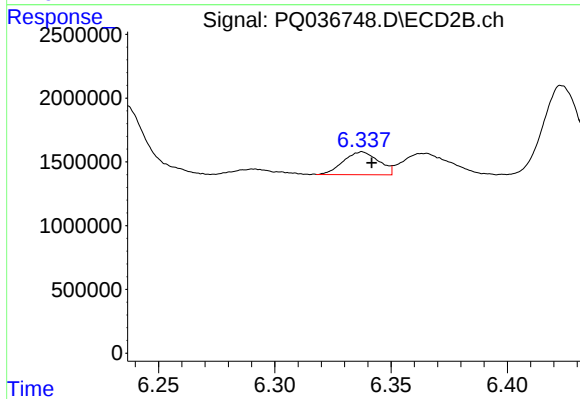
#28 AR-1254-3

R.T.: 6.116 min
Delta R.T.: 0.001 min
Response: 7589399
Conc: 42.16 ng/ml



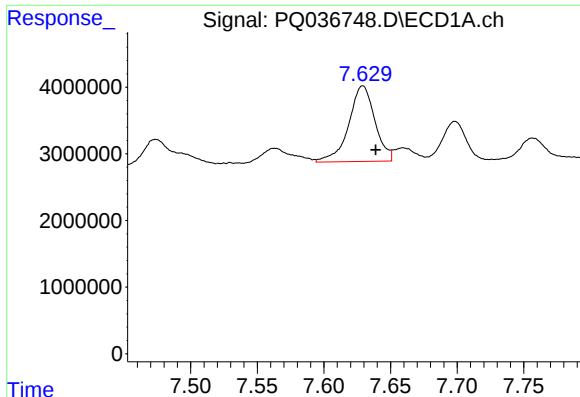
#29 AR-1254-4

R.T.: 7.212 min
Delta R.T.: -0.010 min
Response: 3732679
Conc: 18.81 ng/ml



#29 AR-1254-4

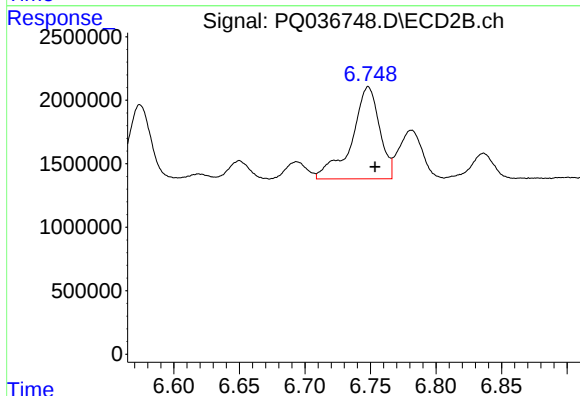
R.T.: 6.338 min
Delta R.T.: -0.004 min
Response: 1893698
Conc: 14.35 ng/ml



#30 AR-1254-5

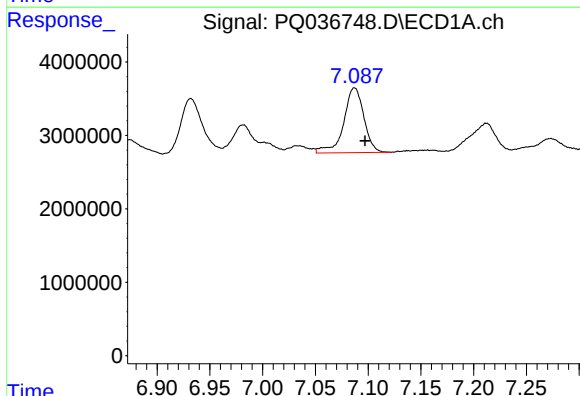
R.T.: 7.629 min
Delta R.T.: -0.010 min
Response: 15545517
Conc: 76.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-Q



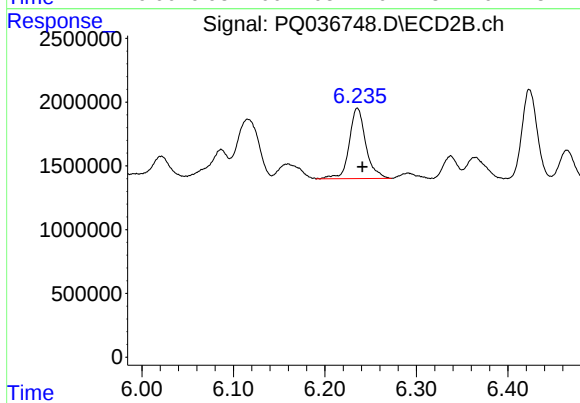
#30 AR-1254-5

R.T.: 6.748 min
Delta R.T.: -0.005 min
Response: 10734898
Conc: 71.48 ng/ml



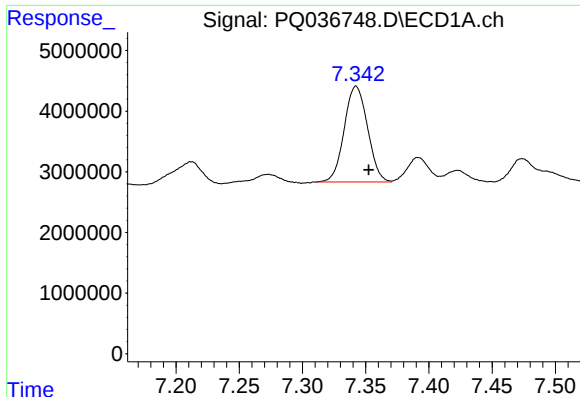
#31 AR-1260-1

R.T.: 7.087 min
Delta R.T.: -0.010 min
Response: 11796464
Conc: 60.57 ng/ml



#31 AR-1260-1

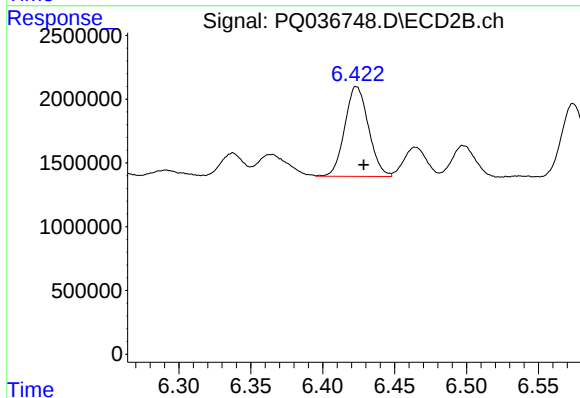
R.T.: 6.236 min
Delta R.T.: -0.005 min
Response: 6949615
Conc: 60.54 ng/ml



#32 AR-1260-2

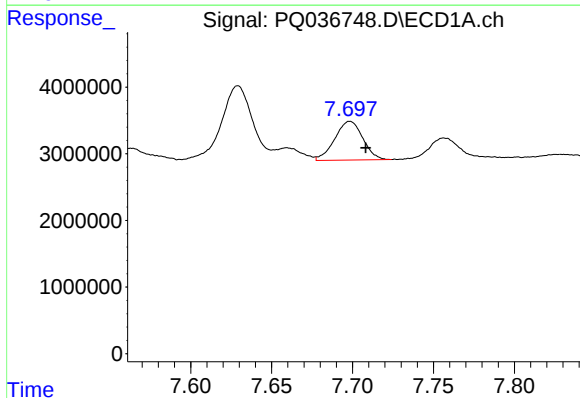
R.T.: 7.342 min
Delta R.T.: -0.010 min
Response: 20311283
Conc: 87.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-Q



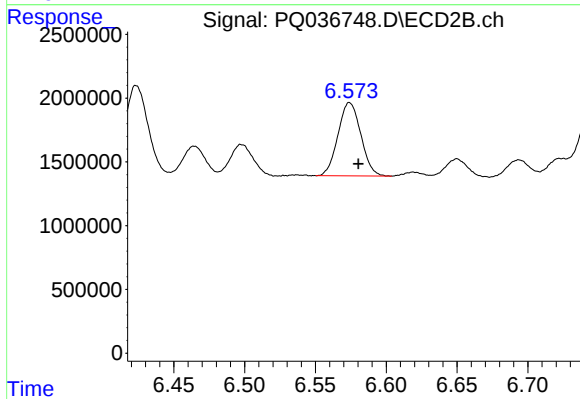
#32 AR-1260-2

R.T.: 6.423 min
Delta R.T.: -0.005 min
Response: 8133943
Conc: 57.86 ng/ml



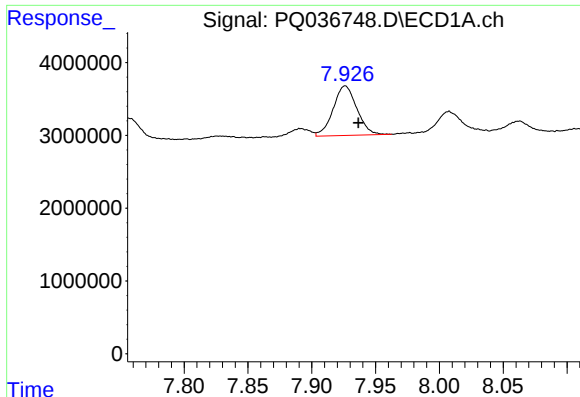
#33 AR-1260-3

R.T.: 7.698 min
Delta R.T.: -0.010 min
Response: 6990794
Conc: 48.48 ng/ml



#33 AR-1260-3

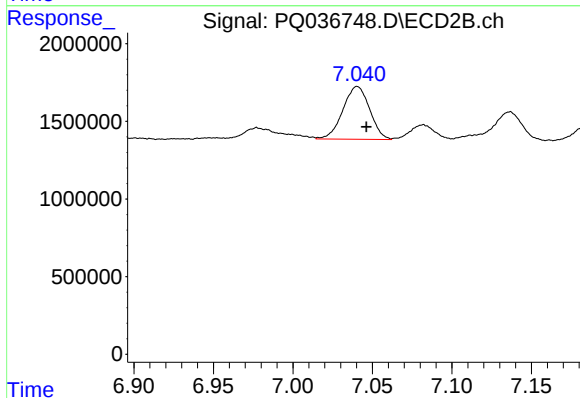
R.T.: 6.574 min
Delta R.T.: -0.006 min
Response: 6444691
Conc: 50.28 ng/ml



#34 AR-1260-4

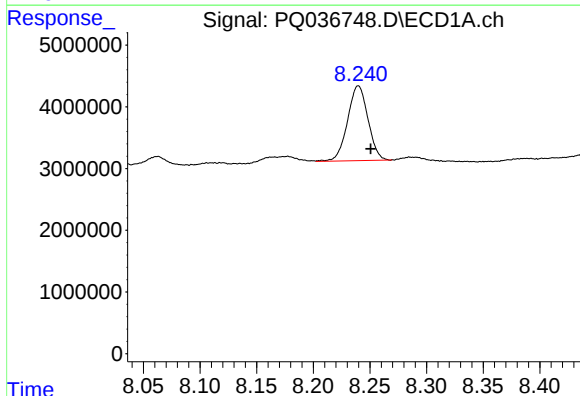
R.T.: 7.926 min
Delta R.T.: -0.010 min
Response: 8773208
Conc: 51.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-Q



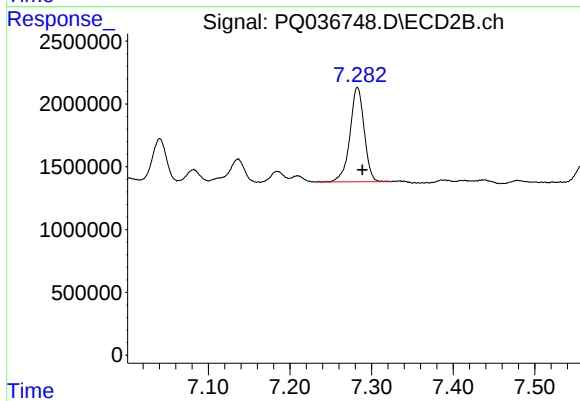
#34 AR-1260-4

R.T.: 7.040 min
Delta R.T.: -0.006 min
Response: 3982874
Conc: 45.74 ng/ml



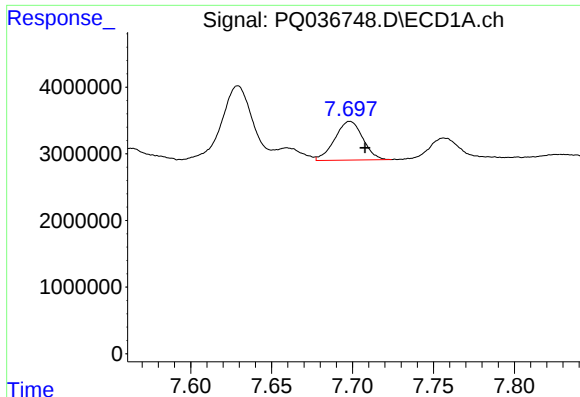
#35 AR-1260-5

R.T.: 8.240 min
Delta R.T.: -0.011 min
Response: 15182463
Conc: 45.15 ng/ml



#35 AR-1260-5

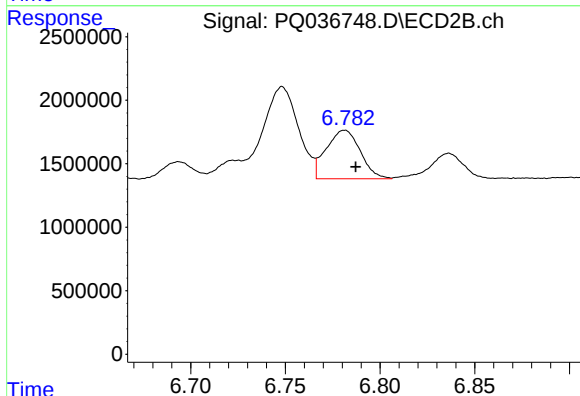
R.T.: 7.283 min
Delta R.T.: -0.006 min
Response: 9112746
Conc: 41.74 ng/ml



#36 AR-1262-1

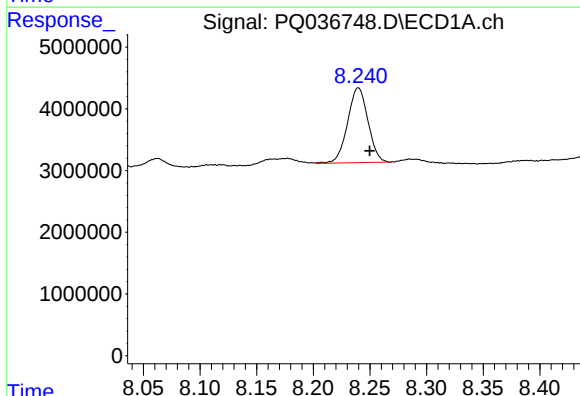
R.T.: 7.698 min
Delta R.T.: -0.009 min
Response: 6990794
Conc: 25.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-Q



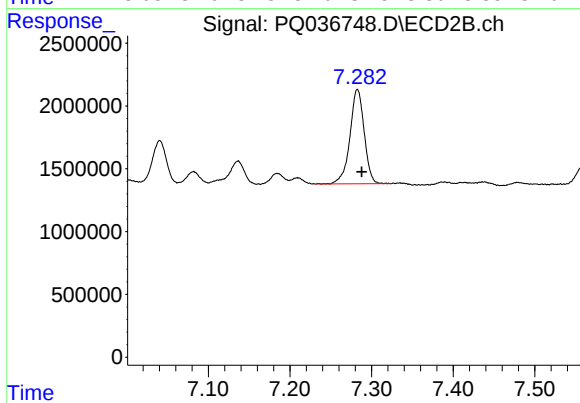
#36 AR-1262-1

R.T.: 6.781 min
Delta R.T.: -0.006 min
Response: 4786007
Conc: 28.52 ng/ml



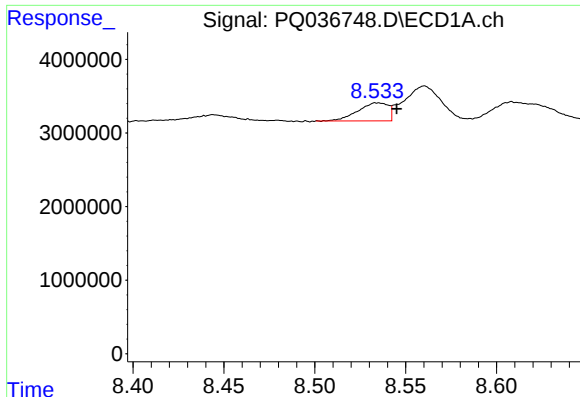
#37 AR-1262-2

R.T.: 8.240 min
Delta R.T.: -0.010 min
Response: 15182463
Conc: 30.96 ng/ml



#37 AR-1262-2

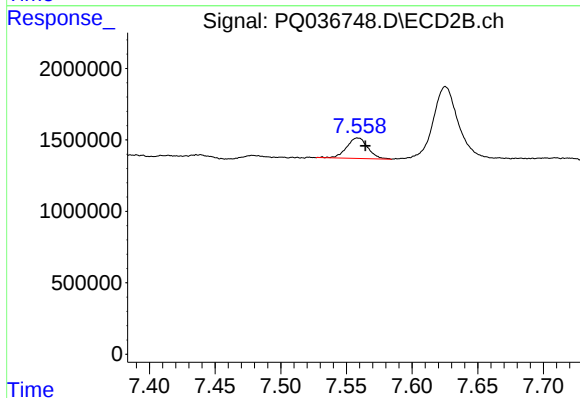
R.T.: 7.283 min
Delta R.T.: -0.005 min
Response: 9112746
Conc: 30.09 ng/ml



#38 AR-1262-3

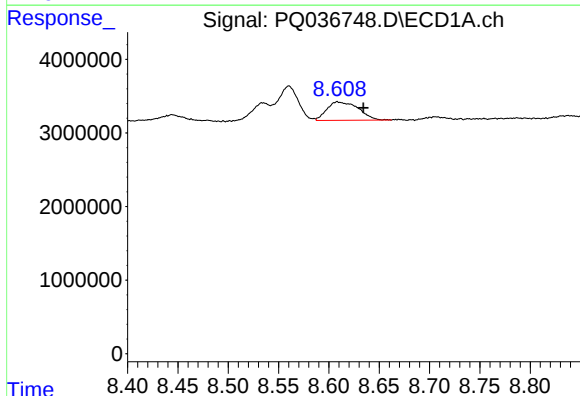
R.T.: 8.535 min
Delta R.T.: -0.010 min
Response: 2851300
Conc: 13.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-Q



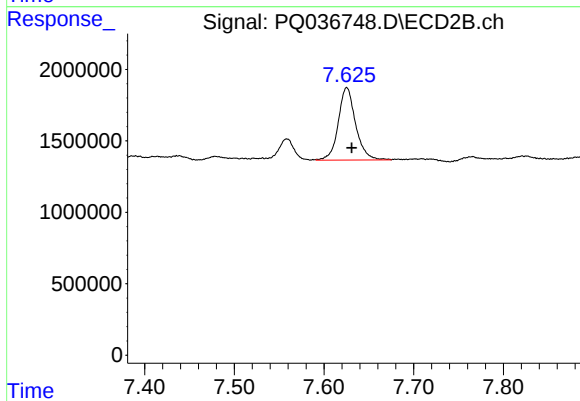
#38 AR-1262-3

R.T.: 7.559 min
Delta R.T.: -0.006 min
Response: 1598486
Conc: 14.23 ng/ml



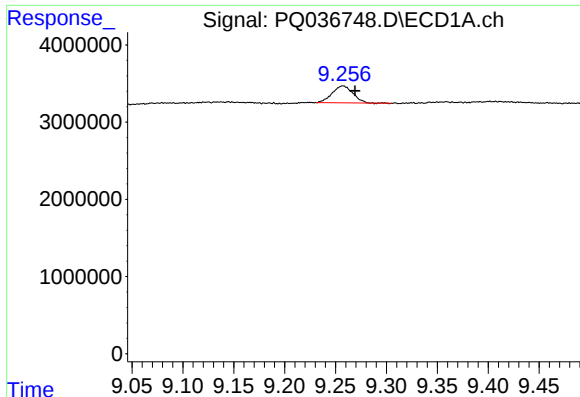
#39 AR-1262-4

R.T.: 8.609 min
Delta R.T.: -0.026 min
Response: 5448987
Conc: 22.46 ng/ml



#39 AR-1262-4

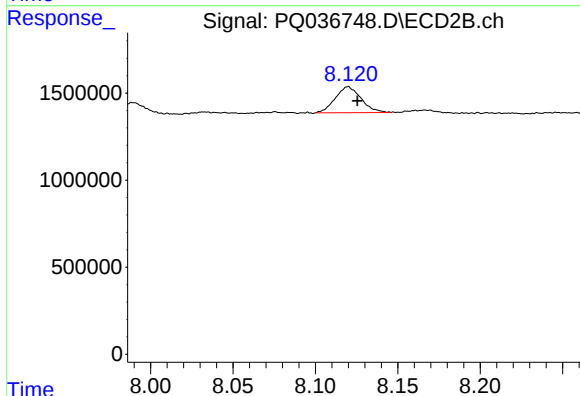
R.T.: 7.625 min
Delta R.T.: -0.006 min
Response: 6818571
Conc: 31.61 ng/ml



#40 AR-1262-5

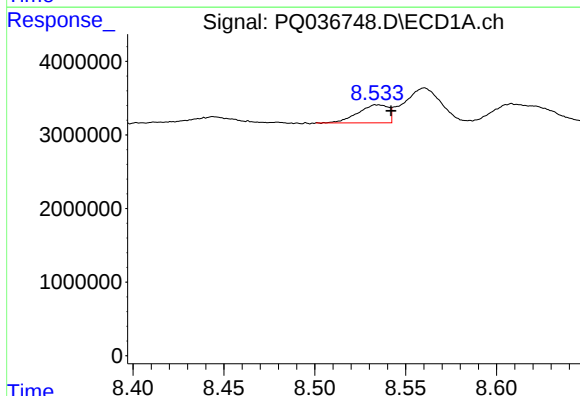
R.T.: 9.257 min
Delta R.T.: -0.012 min
Response: 3080620
Conc: 18.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-Q



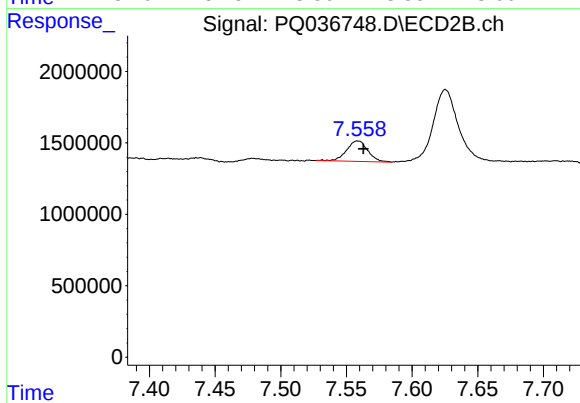
#40 AR-1262-5

R.T.: 8.120 min
Delta R.T.: -0.005 min
Response: 1621076
Conc: 17.24 ng/ml



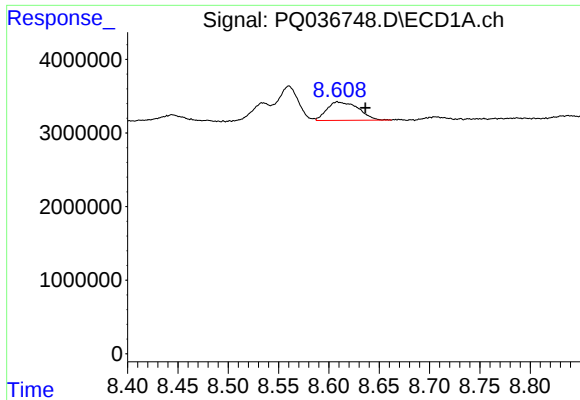
#41 AR-1268-1

R.T.: 8.535 min
Delta R.T.: -0.007 min
Response: 2851300
Conc: 4.52 ng/ml



#41 AR-1268-1

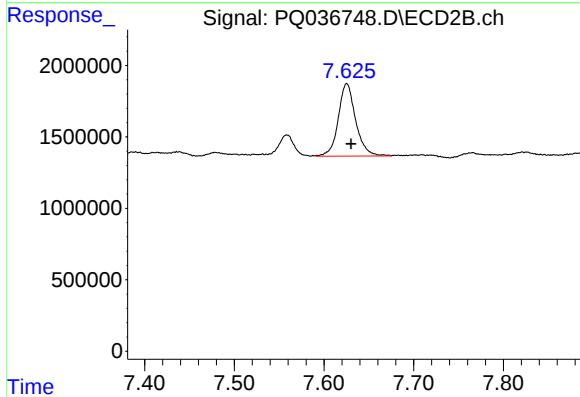
R.T.: 7.559 min
Delta R.T.: -0.004 min
Response: 1598486
Conc: 4.40 ng/ml



#42 AR-1268-2

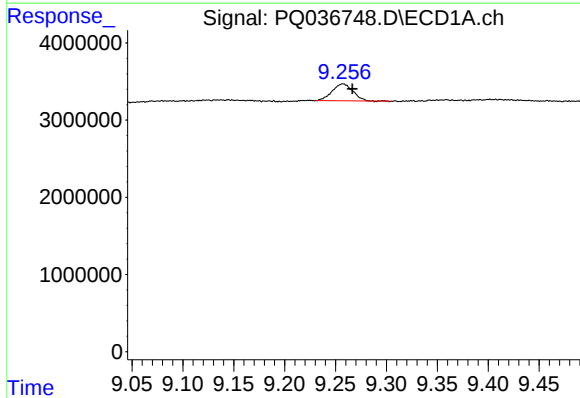
R.T.: 8.609 min
Delta R.T.: -0.028 min
Response: 5448987
Conc: 9.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-Q



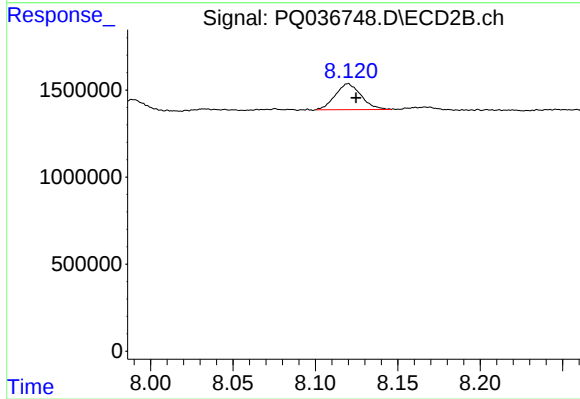
#42 AR-1268-2

R.T.: 7.625 min
Delta R.T.: -0.005 min
Response: 6818571
Conc: 20.58 ng/ml



#44 AR-1268-4

R.T.: 9.257 min
Delta R.T.: -0.009 min
Response: 3080620
Conc: 15.82 ng/ml



#44 AR-1268-4

R.T.: 8.120 min
Delta R.T.: -0.005 min
Response: 1621076
Conc: 14.52 ng/ml