

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ060220\
 Data File : PQ047977.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2020 15:59
 Operator : AJ\MA
 Sample : 2494-02RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 01:37:11 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052720.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 27 17:33:08 2020
 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...	5.318	4.298	157.2E6	70860714	22.002	21.235
2)	SA Decachlor...	11.612	9.673	138.2E6	70582551	19.344	19.517
Target Compounds							
3)	L1 AR-1016-1	6.612	5.608	4854757	3654141	19.923	30.812 #
4)	L1 AR-1016-2	6.736	5.608	13588494	3654141	40.138	22.129 #
5)	L1 AR-1016-3	6.736	5.768	13588494	2269451	64.789	28.112 #
6)	L1 AR-1016-4	6.867	5.800	8203860	5453220	48.255	84.603 #
7)	L1 AR-1016-5	7.185	6.102	9481601	1508612	56.474	17.700 #
8)	L2 AR-1221-1	5.559	4.547	13524605	2197109	179.442	62.305 #
9)	L2 AR-1221-2	5.697	4.654	8493399	2490984	150.694	94.333 #
10)	L2 AR-1221-3	5.775	4.761	66909669	5572059	379.664	66.613 #
11)	L3 AR-1232-1	5.775	4.761	66909669	5572059	479.847	82.638 #
12)	L3 AR-1232-2	6.335	5.608	19815335	3654141	278.918	55.421 #
13)	L3 AR-1232-3	6.736	5.768	13588494	2269451	97.124	70.554 #
14)	L3 AR-1232-4	6.867	5.898	8203860	426746	119.489	15.069 #
15)	L3 AR-1232-5	0.000	6.102	0	1508612	N.D.	47.717 #
16)	L4 AR-1242-1	6.612	5.608	4854757	3654141	25.764	40.031 #
17)	L4 AR-1242-2	6.736	5.608	13588494	3654141	52.762	29.270 #
18)	L4 AR-1242-3	6.736	5.768	13588494	2269451	84.057	36.261 #
19)	L4 AR-1242-4	6.838	5.898	8221168	426746	61.840	6.982 #
20)	L4 AR-1242-5	0.000	6.446	0	13604699	N.D.	165.951 #
21)	L5 AR-1248-1	6.612	5.608	4854757	3654141	35.935	54.768 #
22)	L5 AR-1248-2	0.000	5.800	0	5453220	N.D.	66.214 #
23)	L5 AR-1248-3	7.185	5.898	9481601	426746	48.032	5.066 #
24)	L5 AR-1248-4	7.568	6.102	5499323	1508612	24.594	14.412 #
25)	L5 AR-1248-5	0.000	6.446	0	13604699	N.D.	131.782 #
26)	L6 AR-1254-1	7.568	6.446	5499323	13604699	24.262	80.108 #
27)	L6 AR-1254-2	7.822	6.583	4544969	2666714	12.811	18.136 #
28)	L6 AR-1254-3	8.172	7.052	2626946	2918437	6.892	11.967 #
29)	L6 AR-1254-4	8.418	0.000	20675691	0	71.364	N.D. #
30)	L6 AR-1254-5	8.899	0.000	1916353	0	6.104	N.D. #
31)	L7 AR-1260-1	8.418	7.137	20675691	5236828	70.107	32.021 #
32)	L7 AR-1260-2	8.671	7.395	4687191	14048725	13.655	71.674 #
33)	L7 AR-1260-3	0.000	7.532	0	624623	N.D.	3.536 #
34)	L7 AR-1260-4	0.000	8.004	0	952944	N.D.	6.017 #
38)	L8 AR-1262-3	0.000	8.536	0	7180784	N.D.	49.816 #
39)	L8 AR-1262-4	0.000	8.598	0	1094093	N.D.	3.814 #
40)	L8 AR-1262-5	0.000	9.084	0	3763209	N.D.	27.996 #
41)	L9 AR-1268-1	0.000	8.536	0	7180784	N.D.	13.524 #
42)	L9 AR-1268-2	0.000	8.598	0	1094093	N.D.	2.166 #
43)	L9 AR-1268-3	0.000	8.823	0	4833614	N.D.	11.627 #
44)	L9 AR-1268-4	0.000	9.084	0	3763209	N.D.	20.439 #

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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
45) L9	AR-1268-5	0.000	9.406	0	2882314	N.D.	2.019 #

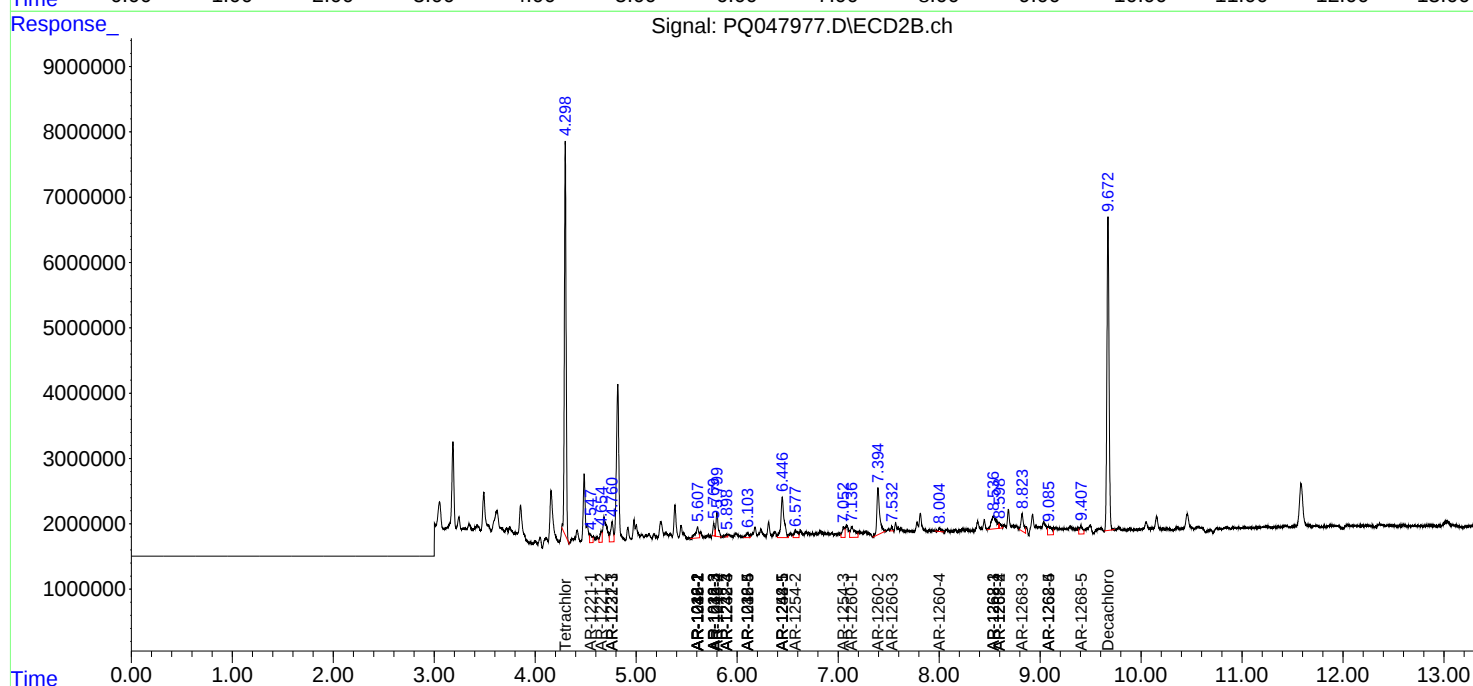
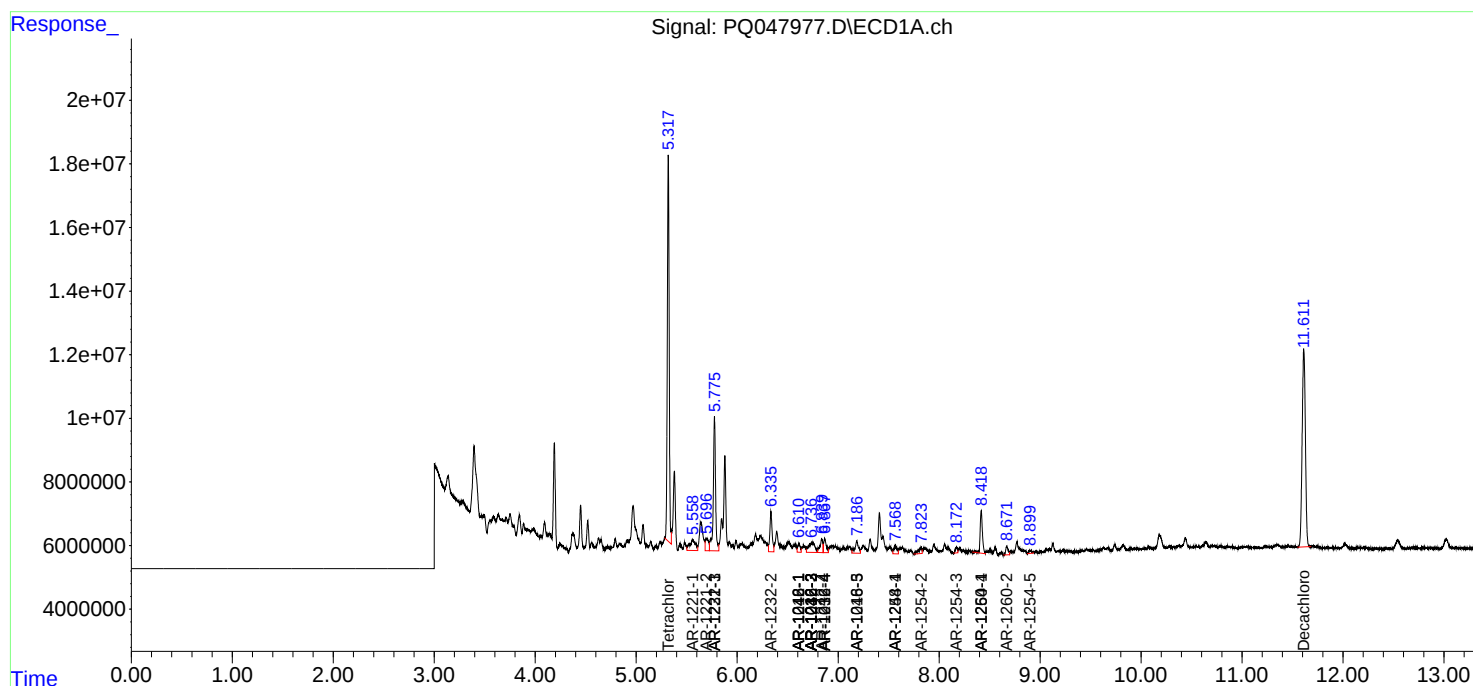
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

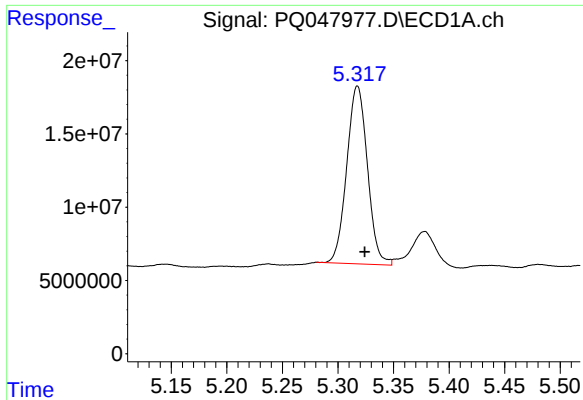
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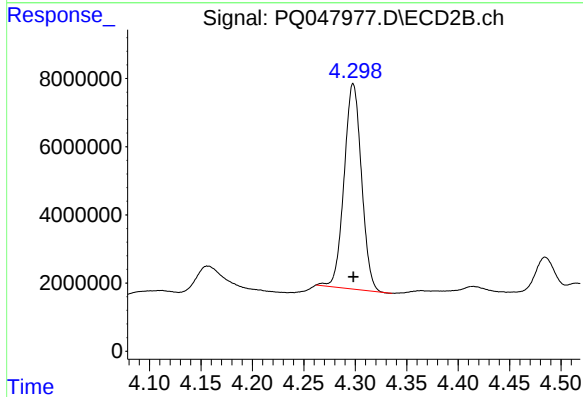




#1 Tetrachloro-m-xylene

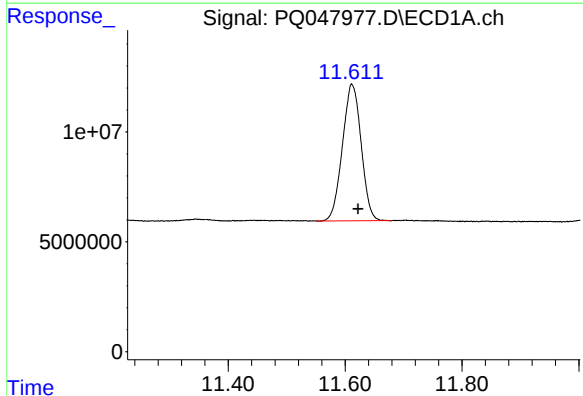
R.T.: 5.318 min
Delta R.T.: -0.006 min
Response: 157214042
Conc: 22.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



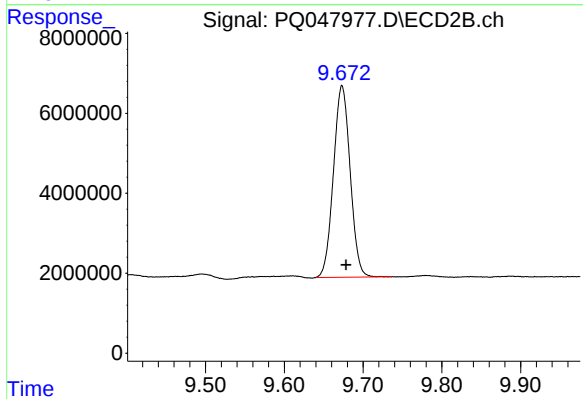
#1 Tetrachloro-m-xylene

R.T.: 4.298 min
Delta R.T.: 0.000 min
Response: 70860714
Conc: 21.23 ng/ml



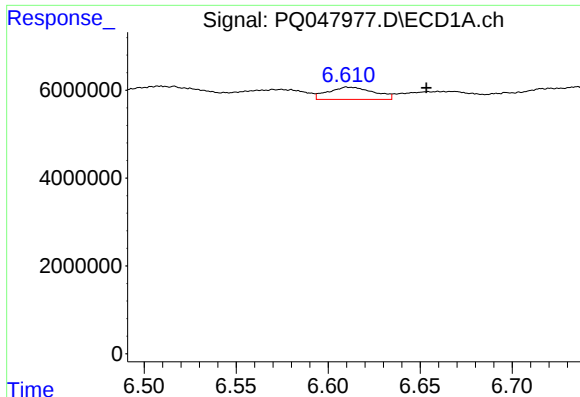
#2 Decachlorobiphenyl

R.T.: 11.612 min
Delta R.T.: -0.010 min
Response: 138156899
Conc: 19.34 ng/ml



#2 Decachlorobiphenyl

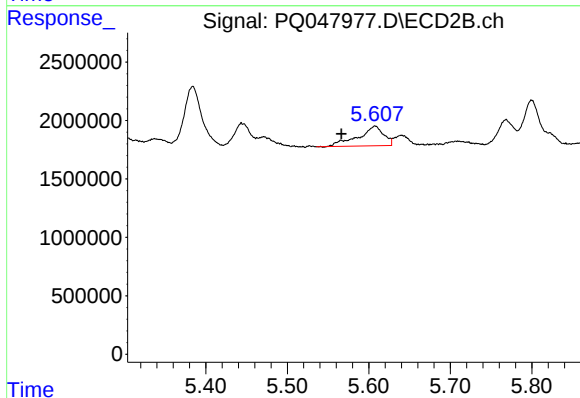
R.T.: 9.673 min
Delta R.T.: -0.005 min
Response: 70582551
Conc: 19.52 ng/ml



#3 AR-1016-1

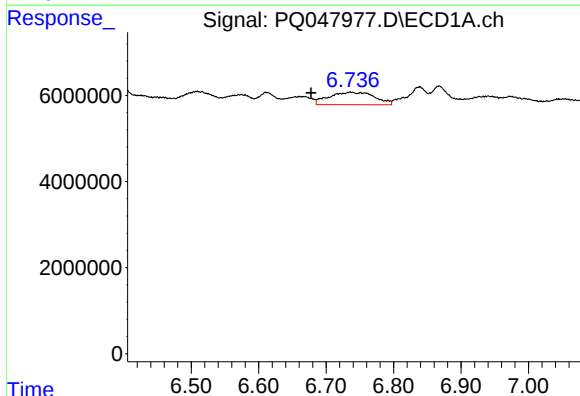
R.T.: 6.612 min
Delta R.T.: -0.042 min
Response: 4854757
Conc: 19.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



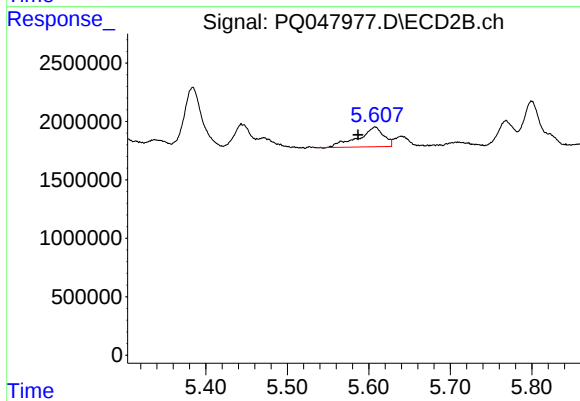
#3 AR-1016-1

R.T.: 5.608 min
Delta R.T.: 0.042 min
Response: 3654141
Conc: 30.81 ng/ml



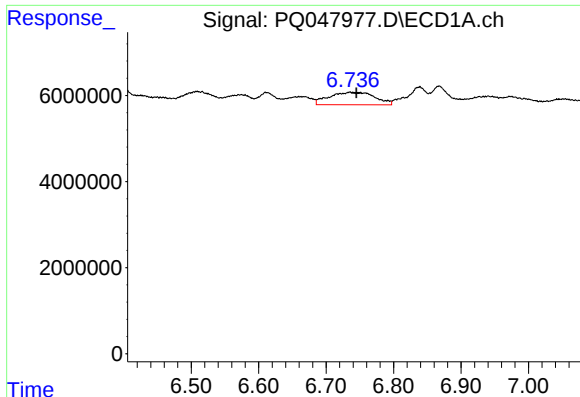
#4 AR-1016-2

R.T.: 6.736 min
Delta R.T.: 0.058 min
Response: 13588494
Conc: 40.14 ng/ml



#4 AR-1016-2

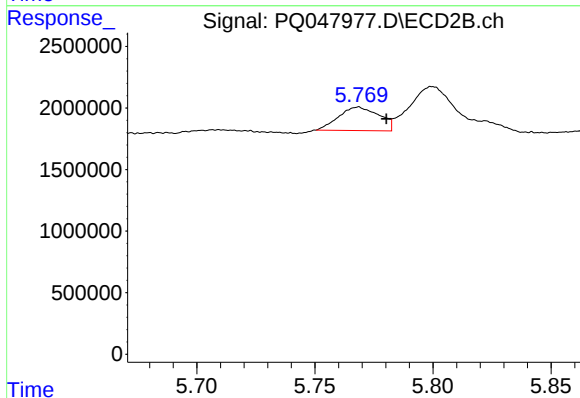
R.T.: 5.608 min
Delta R.T.: 0.021 min
Response: 3654141
Conc: 22.13 ng/ml



#5 AR-1016-3

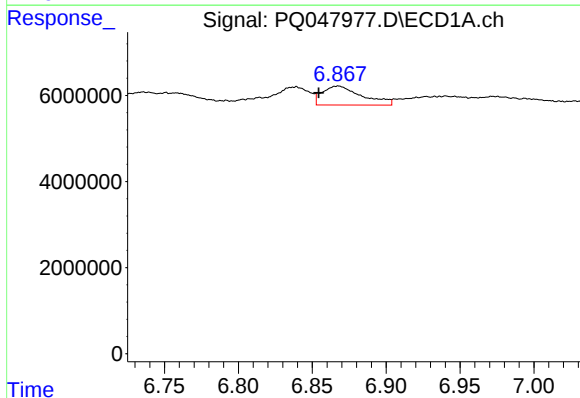
R.T.: 6.736 min
Delta R.T.: -0.009 min
Response: 13588494
Conc: 64.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



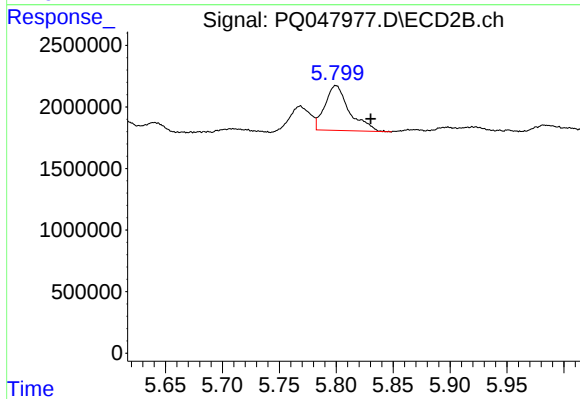
#5 AR-1016-3

R.T.: 5.768 min
Delta R.T.: -0.012 min
Response: 2269451
Conc: 28.11 ng/ml



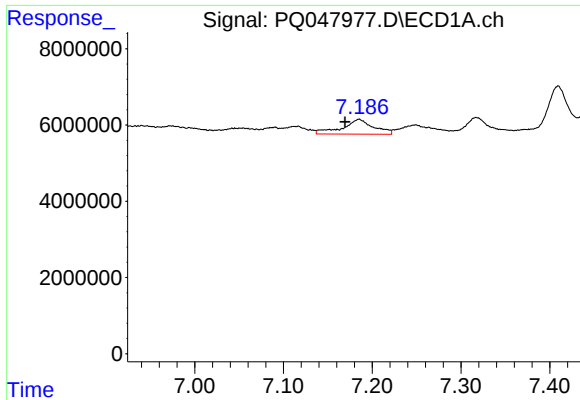
#6 AR-1016-4

R.T.: 6.867 min
Delta R.T.: 0.013 min
Response: 8203860
Conc: 48.25 ng/ml



#6 AR-1016-4

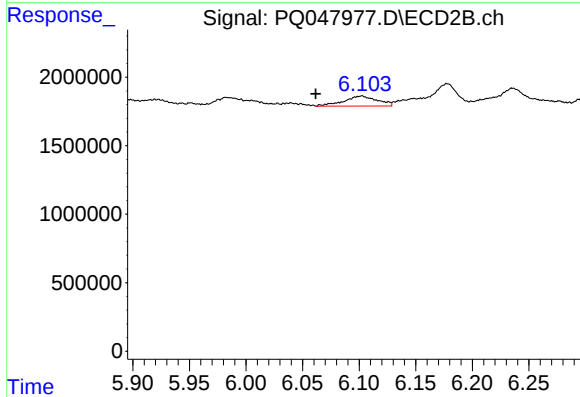
R.T.: 5.800 min
Delta R.T.: -0.031 min
Response: 5453220
Conc: 84.60 ng/ml



#7 AR-1016-5

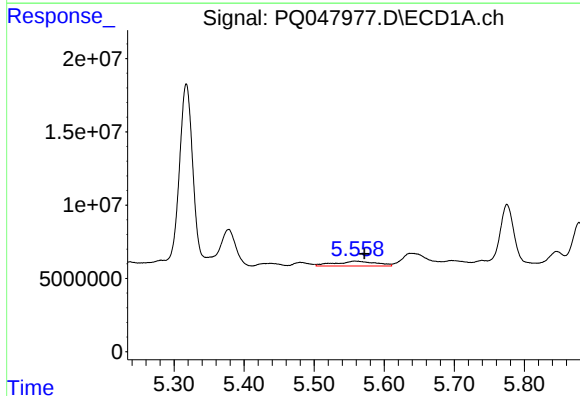
R.T.: 7.185 min
Delta R.T.: 0.016 min
Response: 9481601
Conc: 56.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



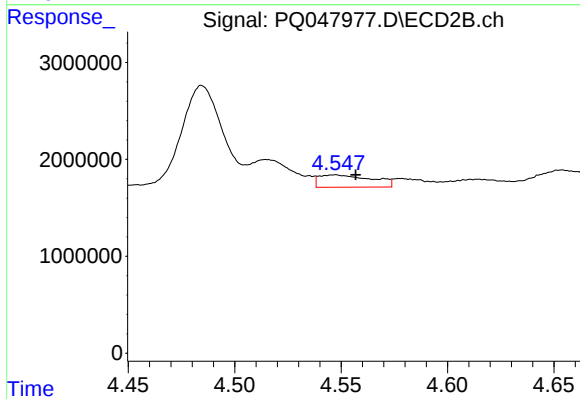
#7 AR-1016-5

R.T.: 6.102 min
Delta R.T.: 0.040 min
Response: 1508612
Conc: 17.70 ng/ml



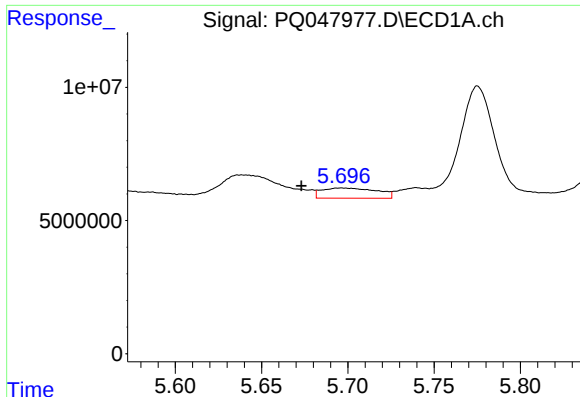
#8 AR-1221-1

R.T.: 5.559 min
Delta R.T.: -0.013 min
Response: 13524605
Conc: 179.44 ng/ml



#8 AR-1221-1

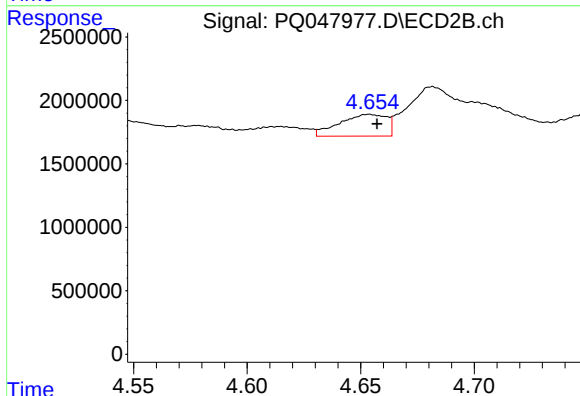
R.T.: 4.547 min
Delta R.T.: -0.010 min
Response: 2197109
Conc: 62.31 ng/ml



#9 AR-1221-2

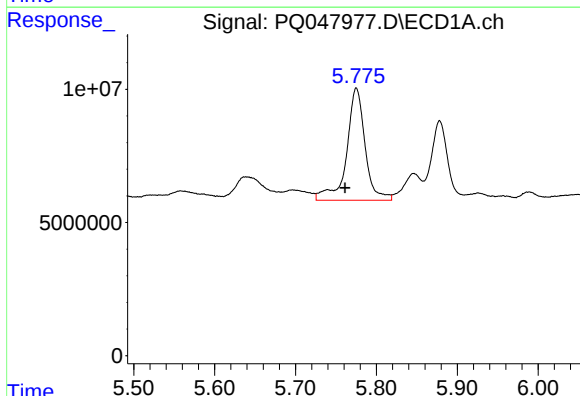
R.T.: 5.697 min
Delta R.T.: 0.024 min
Response: 8493399
Conc: 150.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



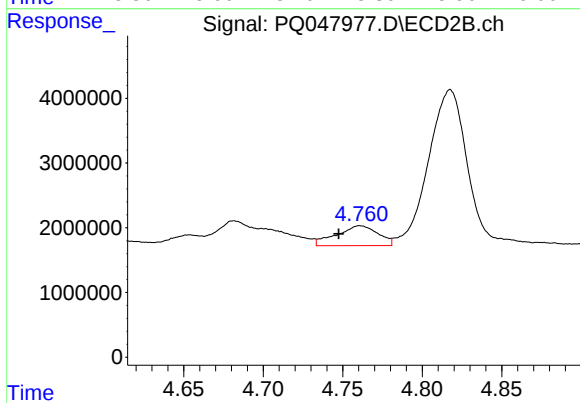
#9 AR-1221-2

R.T.: 4.654 min
Delta R.T.: -0.004 min
Response: 2490984
Conc: 94.33 ng/ml



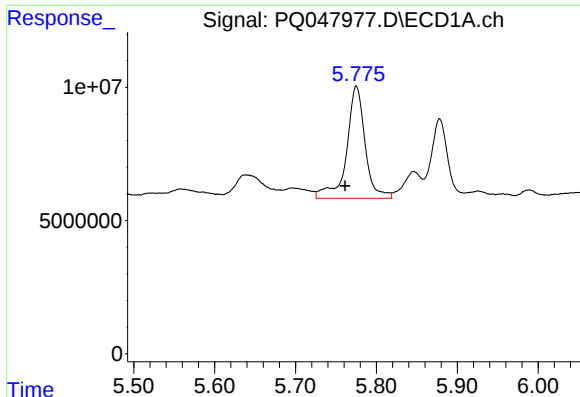
#10 AR-1221-3

R.T.: 5.775 min
Delta R.T.: 0.014 min
Response: 66909669
Conc: 379.66 ng/ml



#10 AR-1221-3

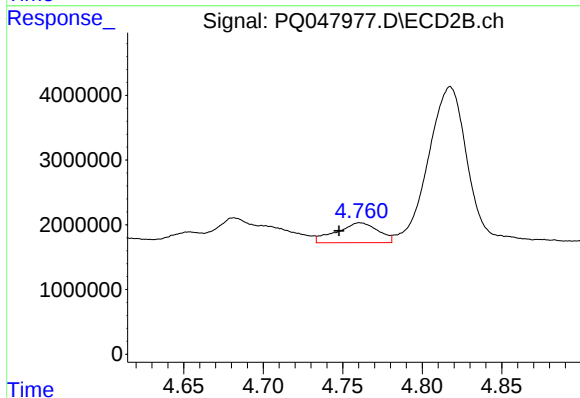
R.T.: 4.761 min
Delta R.T.: 0.013 min
Response: 5572059
Conc: 66.61 ng/ml



#11 AR-1232-1

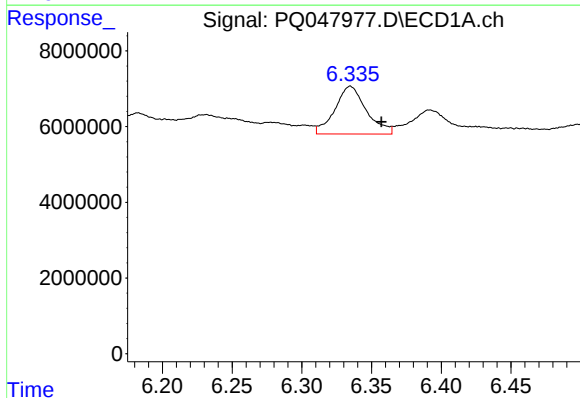
R.T.: 5.775 min
Delta R.T.: 0.014 min
Response: 66909669
Conc: 479.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



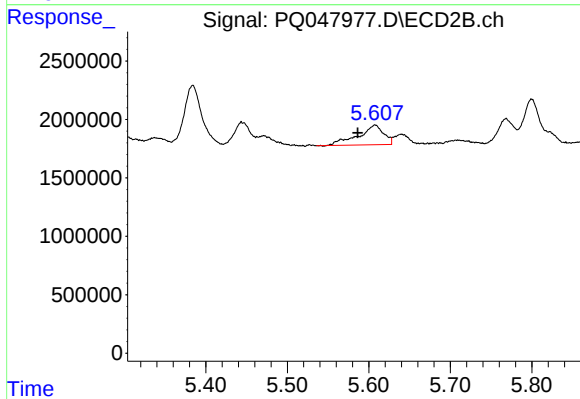
#11 AR-1232-1

R.T.: 4.761 min
Delta R.T.: 0.013 min
Response: 5572059
Conc: 82.64 ng/ml



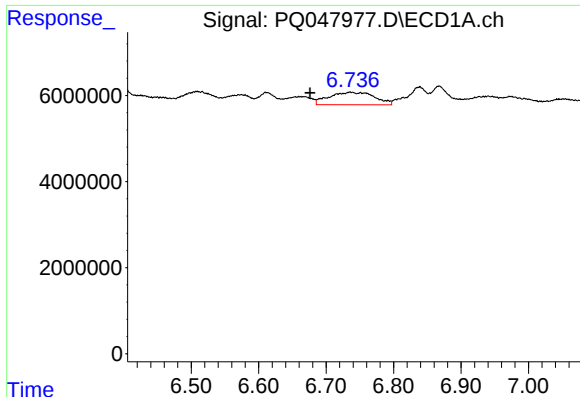
#12 AR-1232-2

R.T.: 6.335 min
Delta R.T.: -0.022 min
Response: 19815335
Conc: 278.92 ng/ml



#12 AR-1232-2

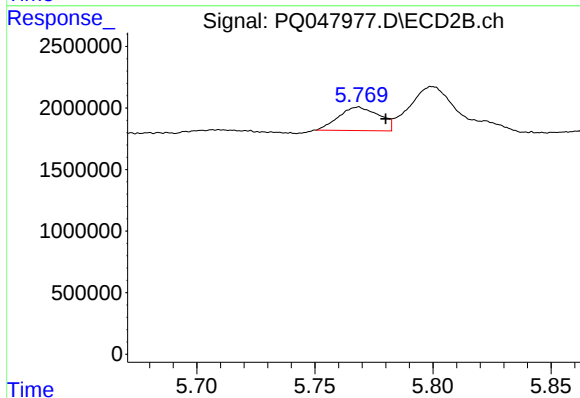
R.T.: 5.608 min
Delta R.T.: 0.021 min
Response: 3654141
Conc: 55.42 ng/ml



#13 AR-1232-3

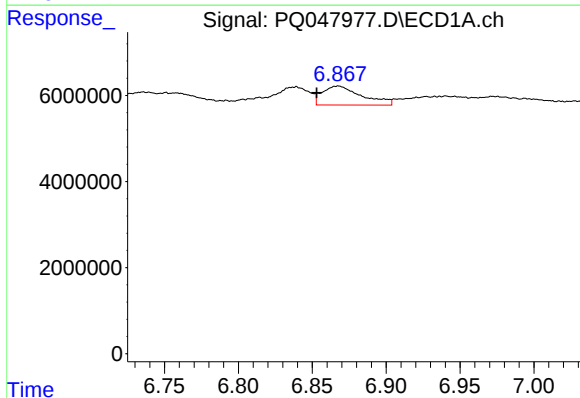
R.T.: 6.736 min
Delta R.T.: 0.060 min
Response: 13588494
Conc: 97.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



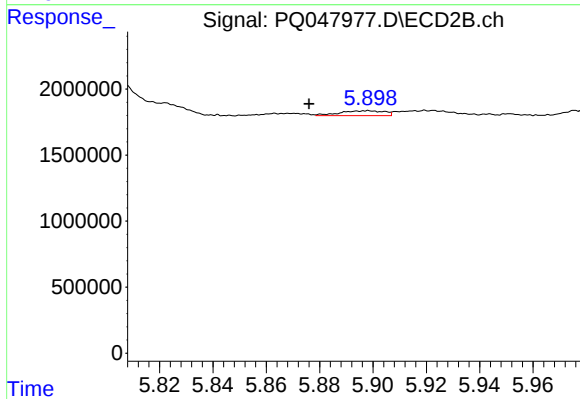
#13 AR-1232-3

R.T.: 5.768 min
Delta R.T.: -0.012 min
Response: 2269451
Conc: 70.55 ng/ml



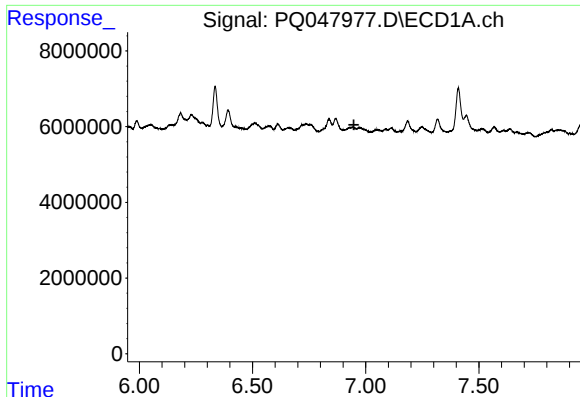
#14 AR-1232-4

R.T.: 6.867 min
Delta R.T.: 0.014 min
Response: 8203860
Conc: 119.49 ng/ml



#14 AR-1232-4

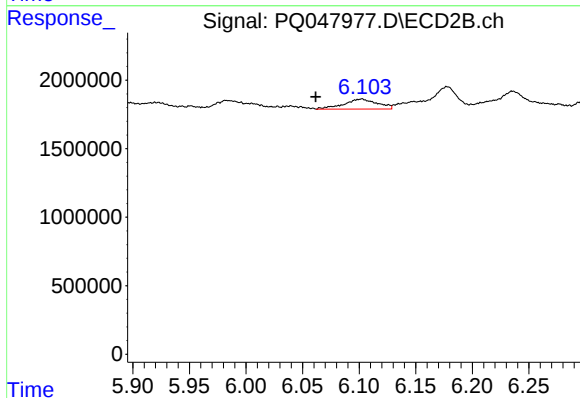
R.T.: 5.898 min
Delta R.T.: 0.022 min
Response: 426746
Conc: 15.07 ng/ml



#15 AR-1232-5

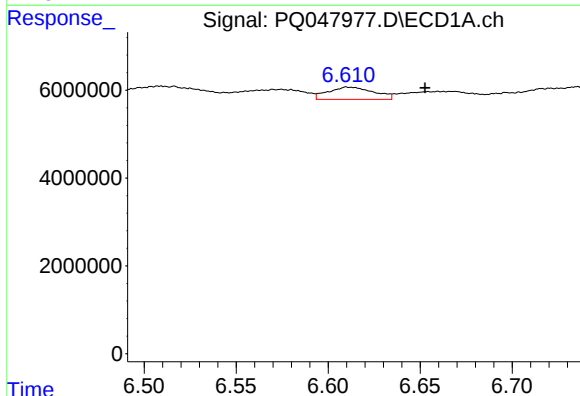
R.T.: 0.000 min
Exp R.T.: 6.948 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



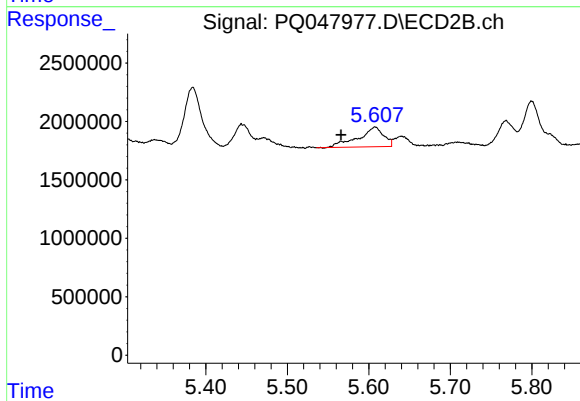
#15 AR-1232-5

R.T.: 6.102 min
Delta R.T.: 0.040 min
Response: 1508612
Conc: 47.72 ng/ml



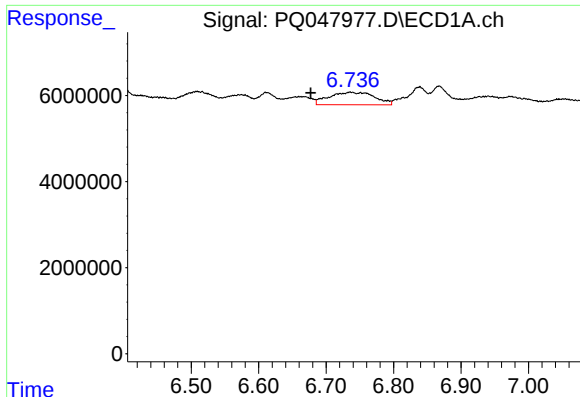
#16 AR-1242-1

R.T.: 6.612 min
Delta R.T.: -0.041 min
Response: 4854757
Conc: 25.76 ng/ml



#16 AR-1242-1

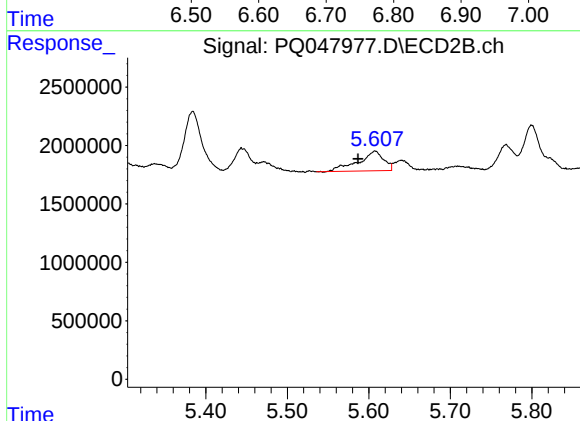
R.T.: 5.608 min
Delta R.T.: 0.042 min
Response: 3654141
Conc: 40.03 ng/ml



#17 AR-1242-2

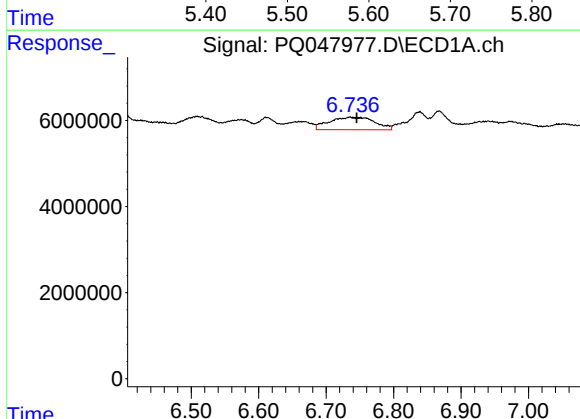
R.T.: 6.736 min
Delta R.T.: 0.059 min
Response: 13588494
Conc: 52.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



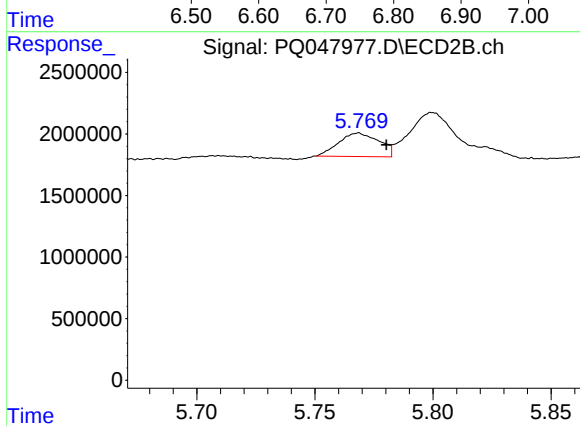
#17 AR-1242-2

R.T.: 5.608 min
Delta R.T.: 0.021 min
Response: 3654141
Conc: 29.27 ng/ml



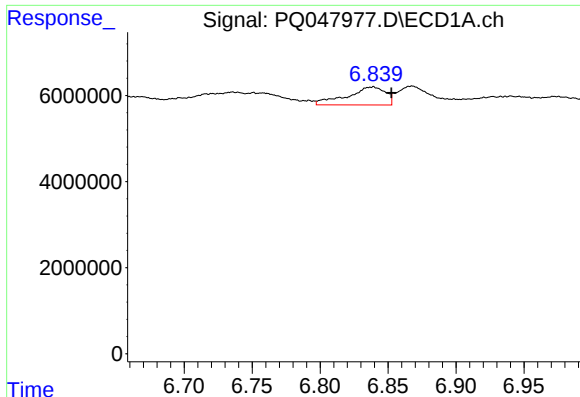
#18 AR-1242-3

R.T.: 6.736 min
Delta R.T.: -0.009 min
Response: 13588494
Conc: 84.06 ng/ml



#18 AR-1242-3

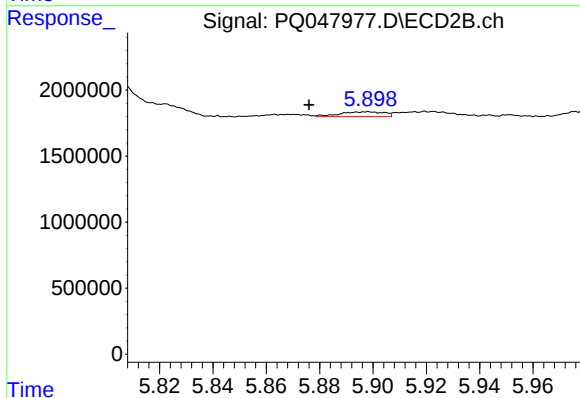
R.T.: 5.768 min
Delta R.T.: -0.012 min
Response: 2269451
Conc: 36.26 ng/ml



#19 AR-1242-4

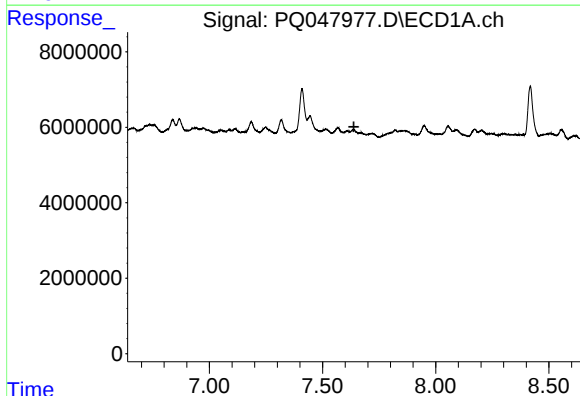
R.T.: 6.838 min
Delta R.T.: -0.014 min
Response: 8221168
Conc: 61.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



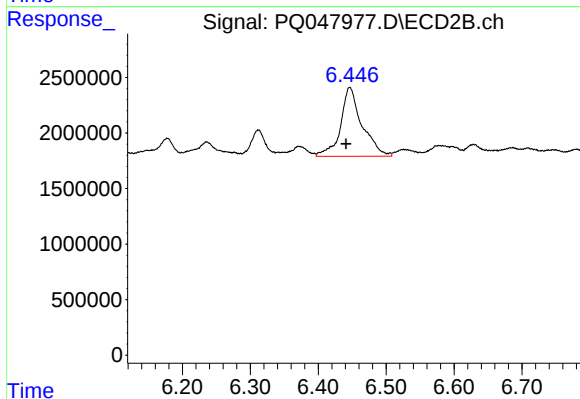
#19 AR-1242-4

R.T.: 5.898 min
Delta R.T.: 0.022 min
Response: 426746
Conc: 6.98 ng/ml



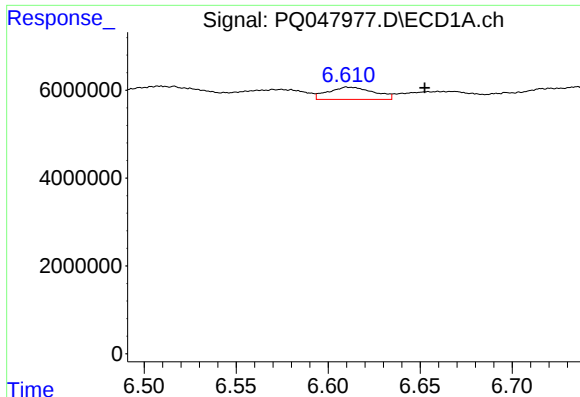
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 7.639 min
Response: 0
Conc: N.D.



#20 AR-1242-5

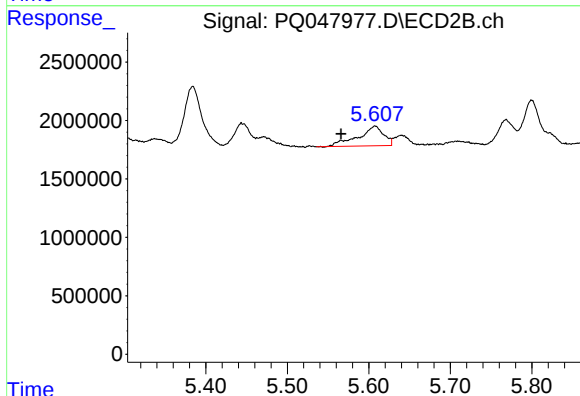
R.T.: 6.446 min
Delta R.T.: 0.005 min
Response: 13604699
Conc: 165.95 ng/ml



#21 AR-1248-1

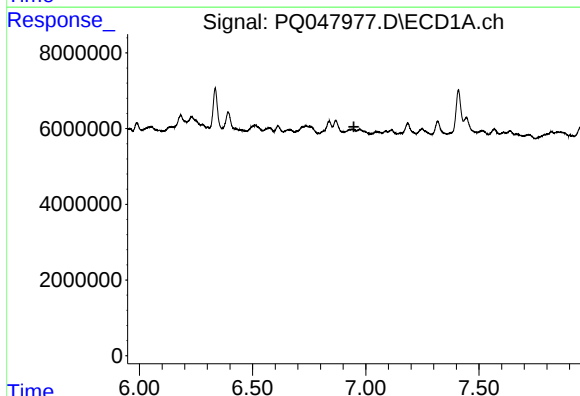
R.T.: 6.612 min
Delta R.T.: -0.041 min
Response: 4854757
Conc: 35.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



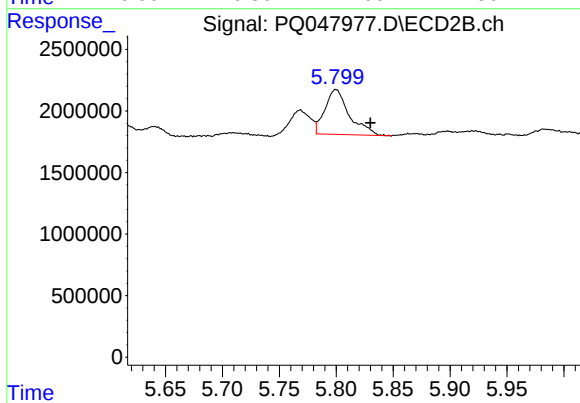
#21 AR-1248-1

R.T.: 5.608 min
Delta R.T.: 0.042 min
Response: 3654141
Conc: 54.77 ng/ml



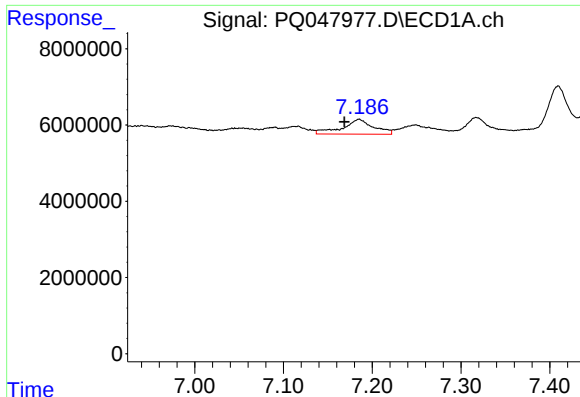
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.948 min
Response: 0
Conc: N.D.



#22 AR-1248-2

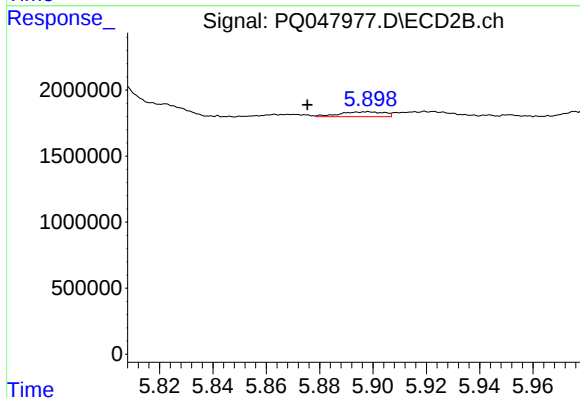
R.T.: 5.800 min
Delta R.T.: -0.030 min
Response: 5453220
Conc: 66.21 ng/ml



#23 AR-1248-3

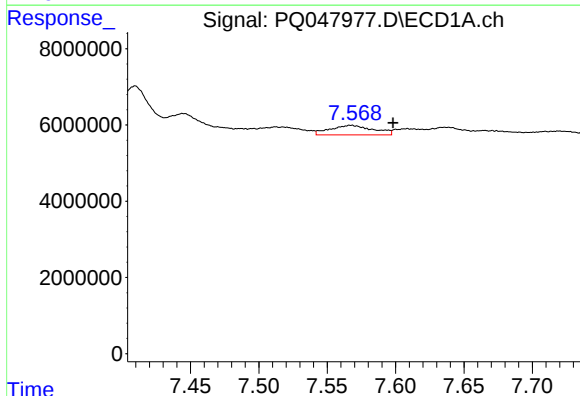
R.T.: 7.185 min
Delta R.T.: 0.017 min
Response: 9481601
Conc: 48.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



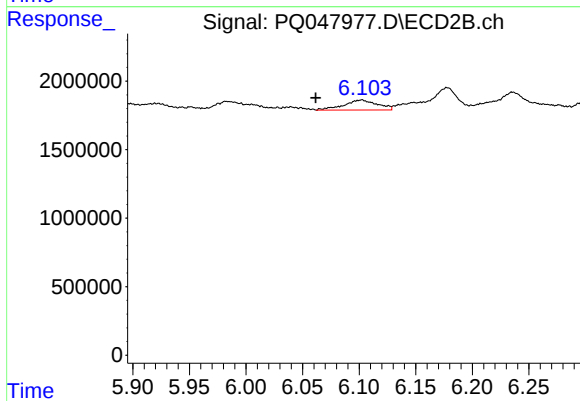
#23 AR-1248-3

R.T.: 5.898 min
Delta R.T.: 0.023 min
Response: 426746
Conc: 5.07 ng/ml



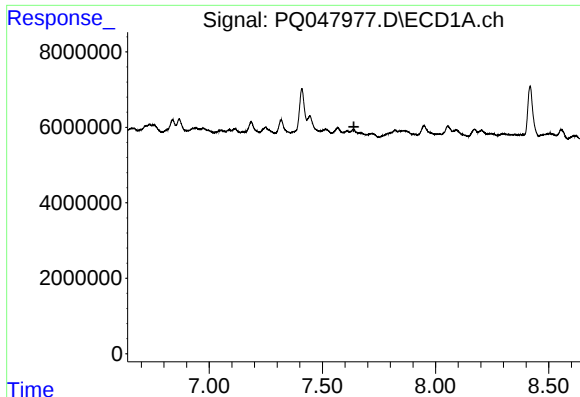
#24 AR-1248-4

R.T.: 7.568 min
Delta R.T.: -0.030 min
Response: 5499323
Conc: 24.59 ng/ml



#24 AR-1248-4

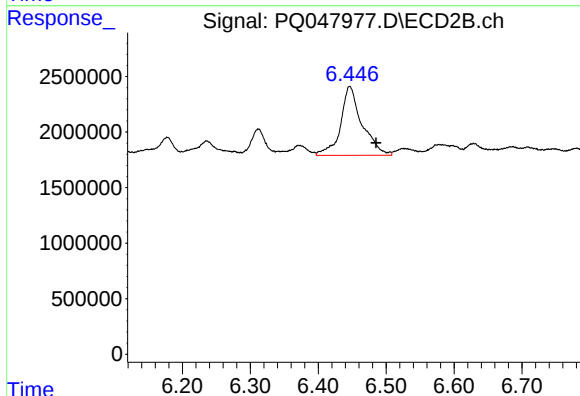
R.T.: 6.102 min
Delta R.T.: 0.041 min
Response: 1508612
Conc: 14.41 ng/ml



#25 AR-1248-5

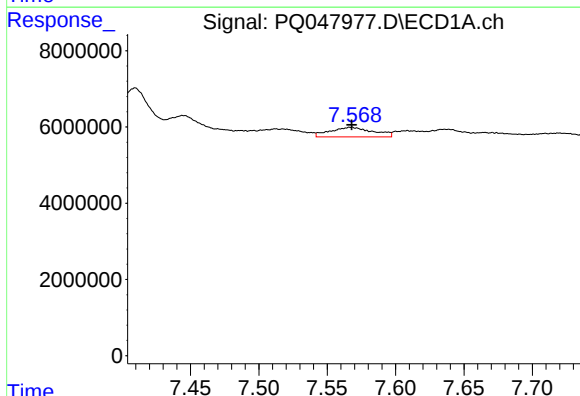
R.T.: 0.000 min
Exp R.T.: 7.639 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



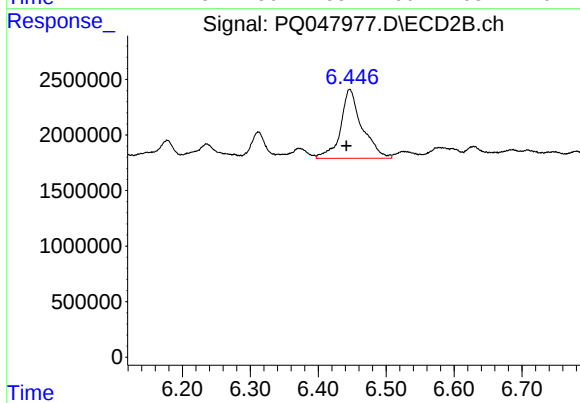
#25 AR-1248-5

R.T.: 6.446 min
Delta R.T.: -0.039 min
Response: 13604699
Conc: 131.78 ng/ml



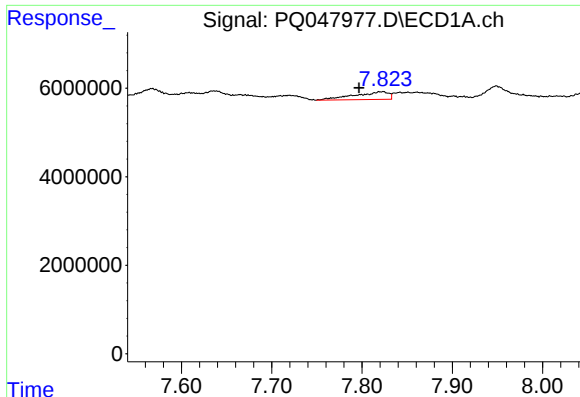
#26 AR-1254-1

R.T.: 7.568 min
Delta R.T.: 0.000 min
Response: 5499323
Conc: 24.26 ng/ml



#26 AR-1254-1

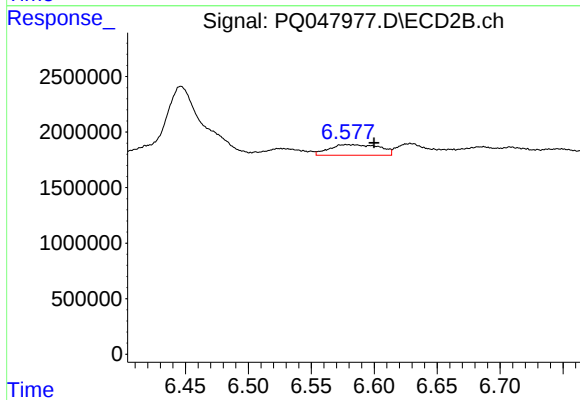
R.T.: 6.446 min
Delta R.T.: 0.005 min
Response: 13604699
Conc: 80.11 ng/ml



#27 AR-1254-2

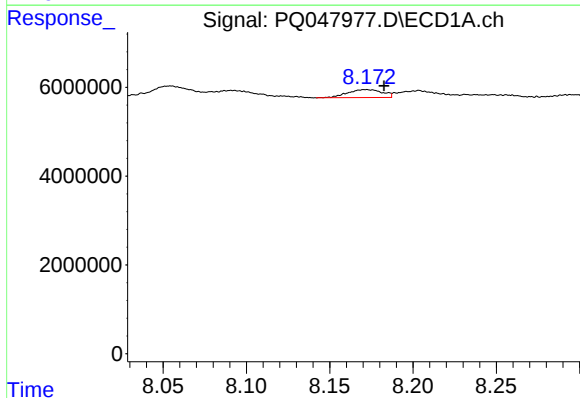
R.T.: 7.822 min
Delta R.T.: 0.025 min
Response: 4544969
Conc: 12.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



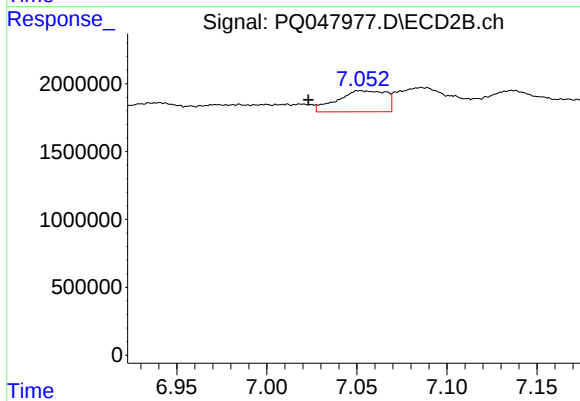
#27 AR-1254-2

R.T.: 6.583 min
Delta R.T.: -0.017 min
Response: 2666714
Conc: 18.14 ng/ml



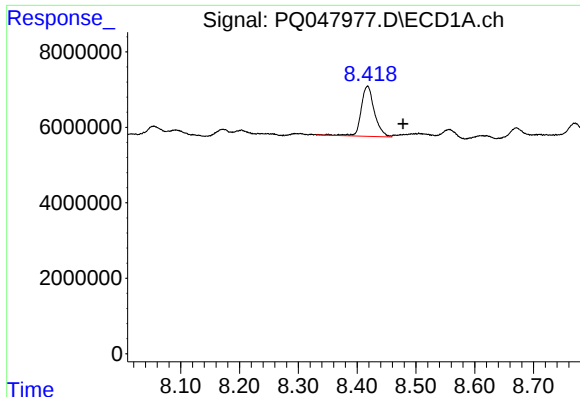
#28 AR-1254-3

R.T.: 8.172 min
Delta R.T.: -0.011 min
Response: 2626946
Conc: 6.89 ng/ml



#28 AR-1254-3

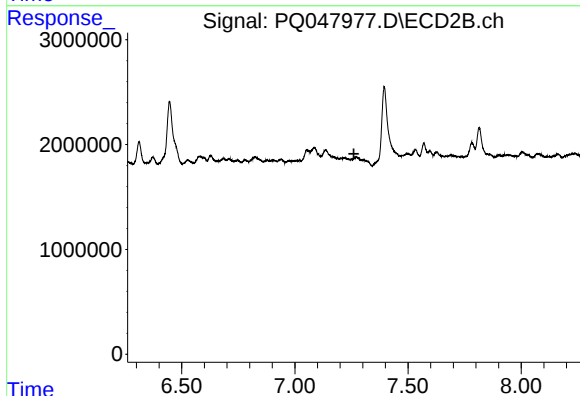
R.T.: 7.052 min
Delta R.T.: 0.029 min
Response: 2918437
Conc: 11.97 ng/ml



#29 AR-1254-4

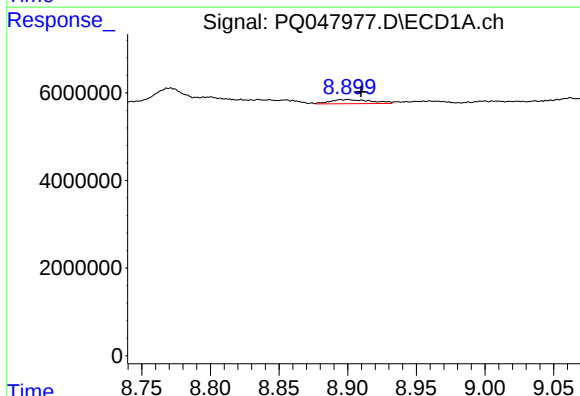
R.T.: 8.418 min
Delta R.T.: -0.061 min
Response: 20675691
Conc: 71.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



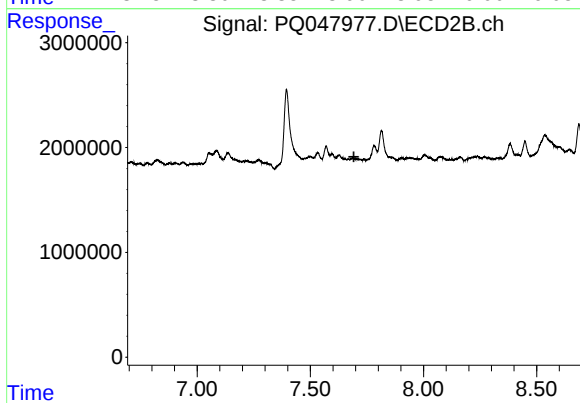
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 7.261 min
Response: 0
Conc: N.D.



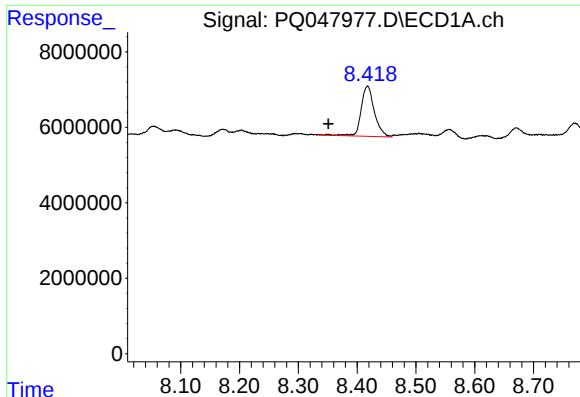
#30 AR-1254-5

R.T.: 8.899 min
Delta R.T.: -0.011 min
Response: 1916353
Conc: 6.10 ng/ml



#30 AR-1254-5

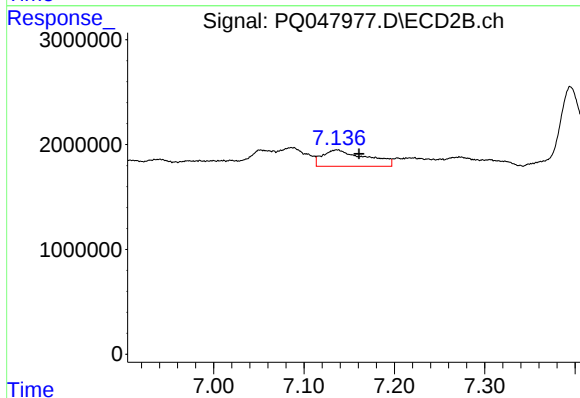
R.T.: 0.000 min
Exp R.T. : 7.692 min
Response: 0
Conc: N.D.



#31 AR-1260-1

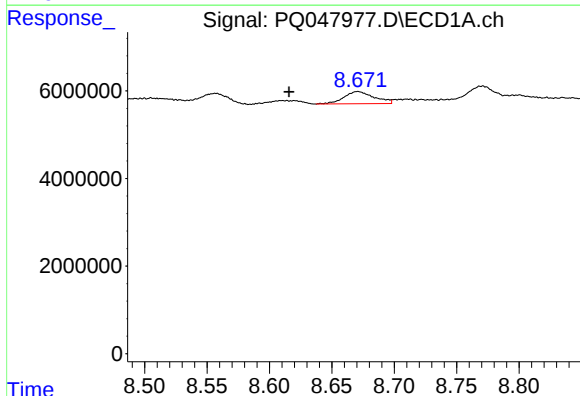
R.T.: 8.418 min
Delta R.T.: 0.066 min
Response: 20675691
Conc: 70.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



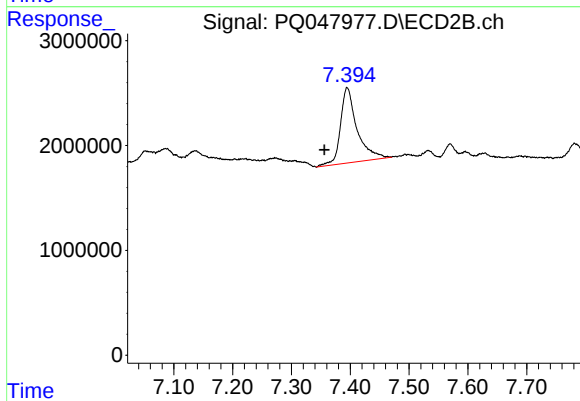
#31 AR-1260-1

R.T.: 7.137 min
Delta R.T.: -0.024 min
Response: 5236828
Conc: 32.02 ng/ml



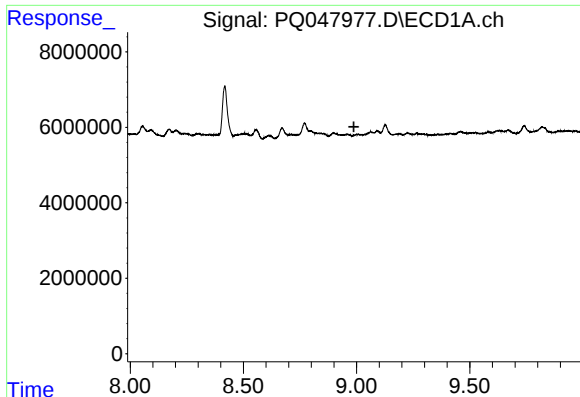
#32 AR-1260-2

R.T.: 8.671 min
Delta R.T.: 0.055 min
Response: 4687191
Conc: 13.65 ng/ml



#32 AR-1260-2

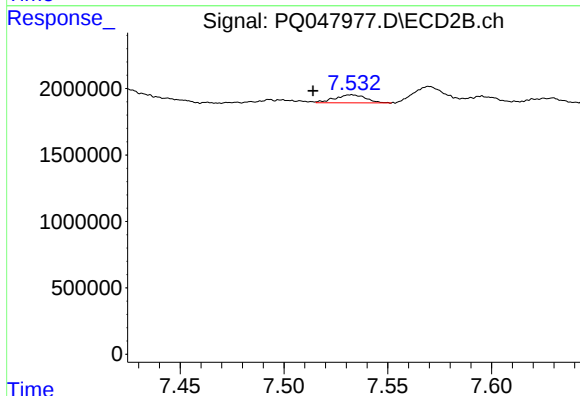
R.T.: 7.395 min
Delta R.T.: 0.039 min
Response: 14048725
Conc: 71.67 ng/ml



#33 AR-1260-3

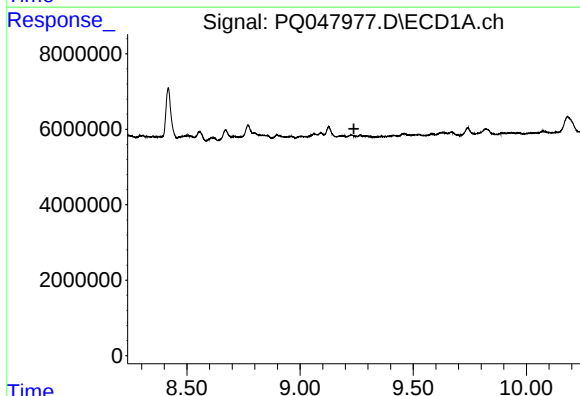
R.T.: 0.000 min
Exp R.T. : 8.988 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



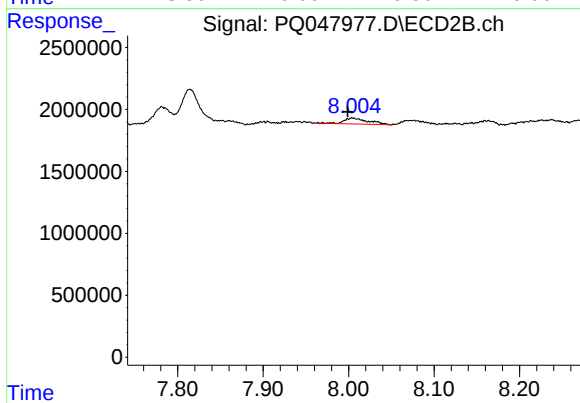
#33 AR-1260-3

R.T.: 7.532 min
Delta R.T.: 0.018 min
Response: 624623
Conc: 3.54 ng/ml



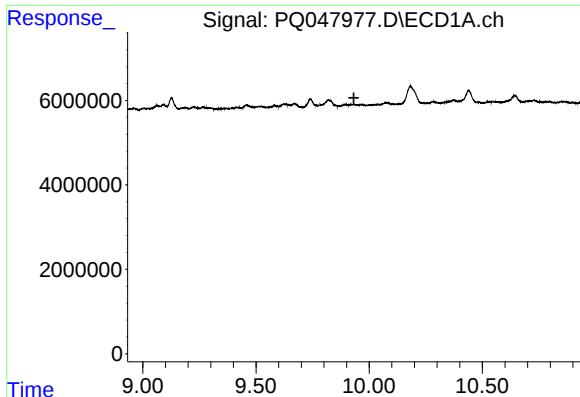
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 9.238 min
Response: 0
Conc: N.D.



#34 AR-1260-4

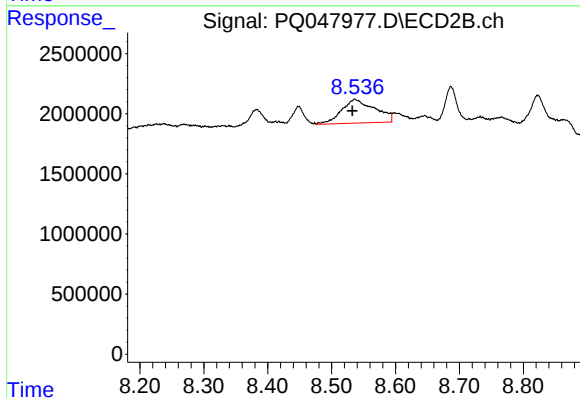
R.T.: 8.004 min
Delta R.T.: 0.005 min
Response: 952944
Conc: 6.02 ng/ml



#38 AR-1262-3

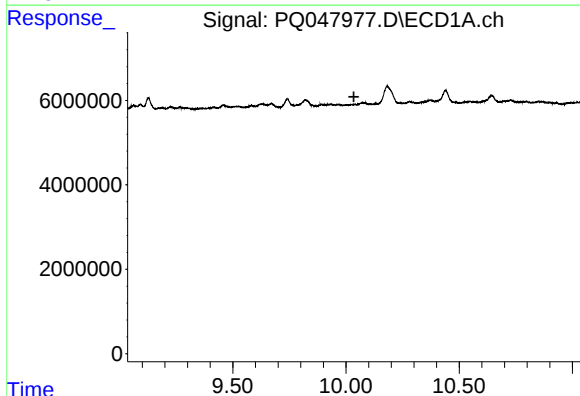
R.T.: 0.000 min
Exp R.T.: 9.932 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



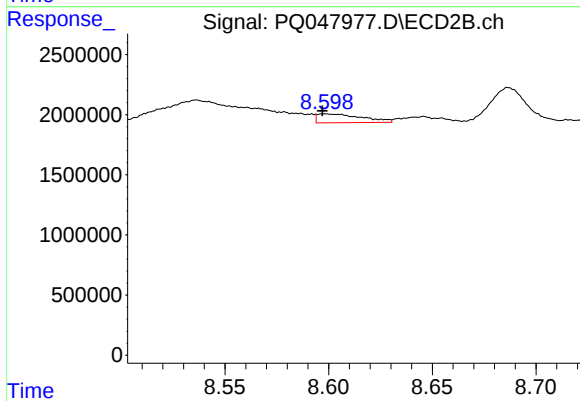
#38 AR-1262-3

R.T.: 8.536 min
Delta R.T.: 0.004 min
Response: 7180784
Conc: 49.82 ng/ml



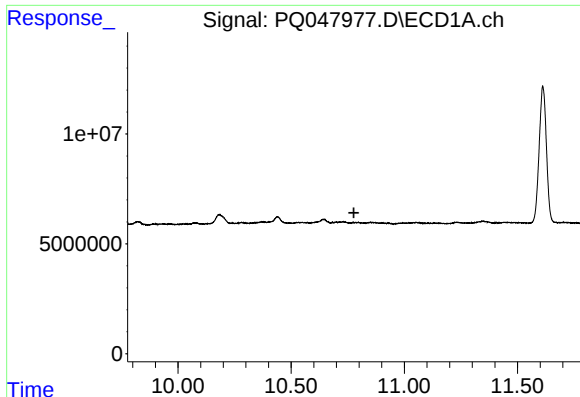
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 10.035 min
Response: 0
Conc: N.D.



#39 AR-1262-4

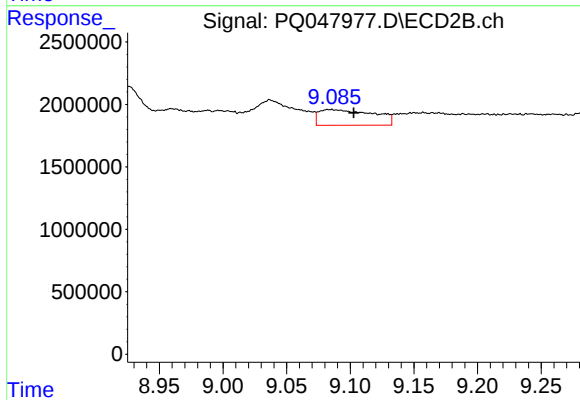
R.T.: 8.598 min
Delta R.T.: 0.001 min
Response: 1094093
Conc: 3.81 ng/ml



#40 AR-1262-5

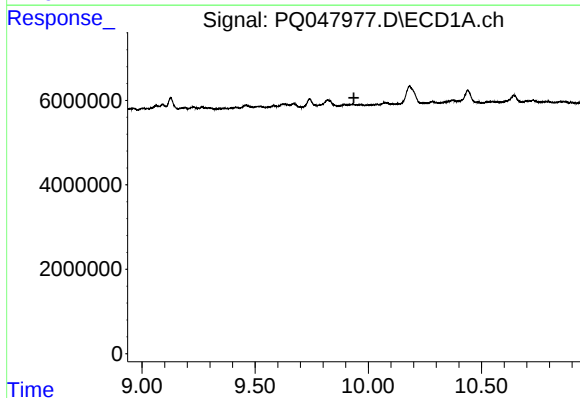
R.T.: 0.000 min
Exp R.T.: 10.777 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



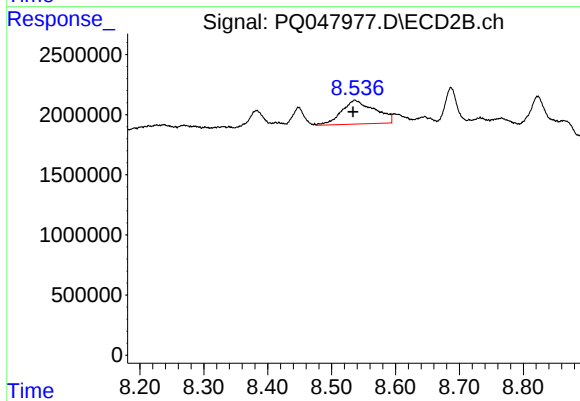
#40 AR-1262-5

R.T.: 9.084 min
Delta R.T.: -0.019 min
Response: 3763209
Conc: 28.00 ng/ml



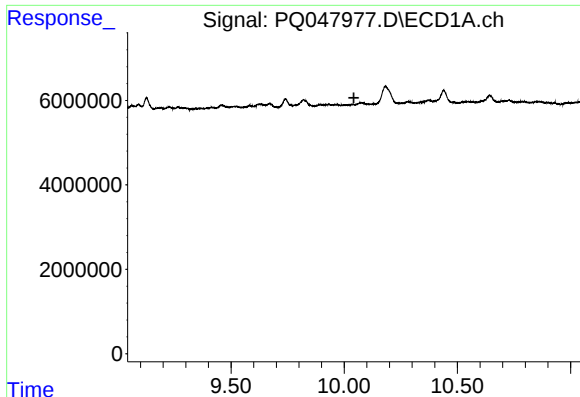
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 9.936 min
Response: 0
Conc: N.D.



#41 AR-1268-1

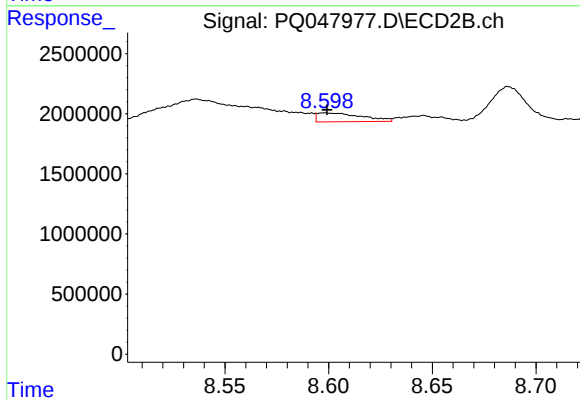
R.T.: 8.536 min
Delta R.T.: 0.003 min
Response: 7180784
Conc: 13.52 ng/ml



#42 AR-1268-2

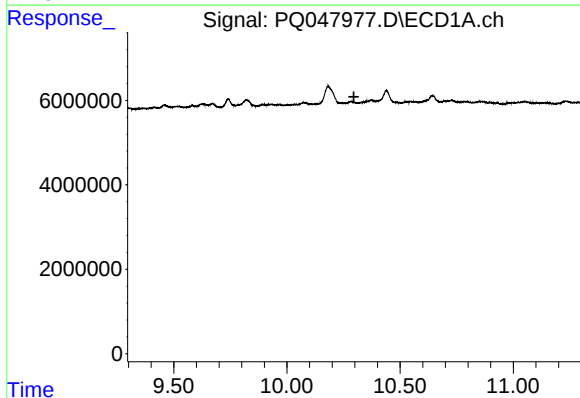
R.T.: 0.000 min
Exp R.T. : 10.043 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



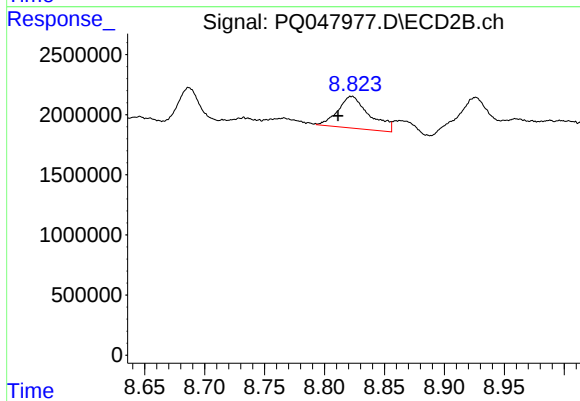
#42 AR-1268-2

R.T.: 8.598 min
Delta R.T.: 0.000 min
Response: 1094093
Conc: 2.17 ng/ml



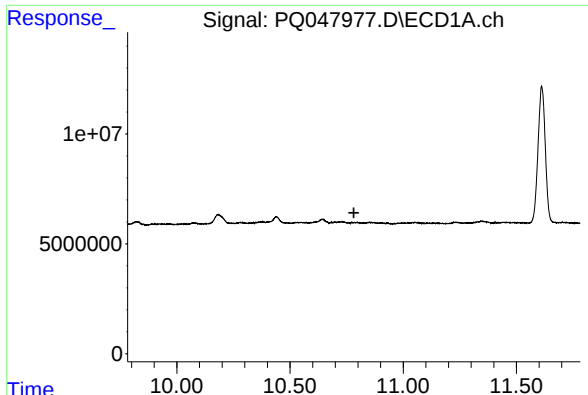
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.296 min
Response: 0
Conc: N.D.



#43 AR-1268-3

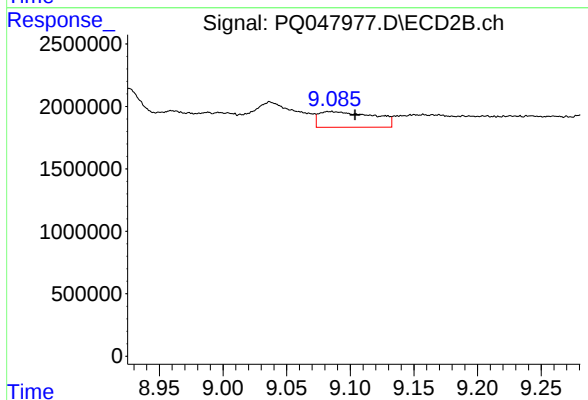
R.T.: 8.823 min
Delta R.T.: 0.011 min
Response: 4833614
Conc: 11.63 ng/ml



#44 AR-1268-4

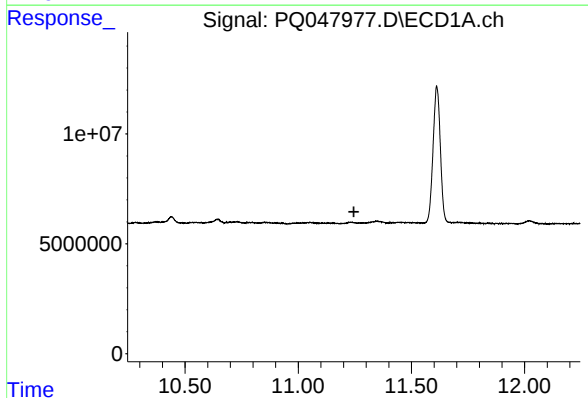
R.T.: 0.000 min
Exp R.T. : 10.782 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



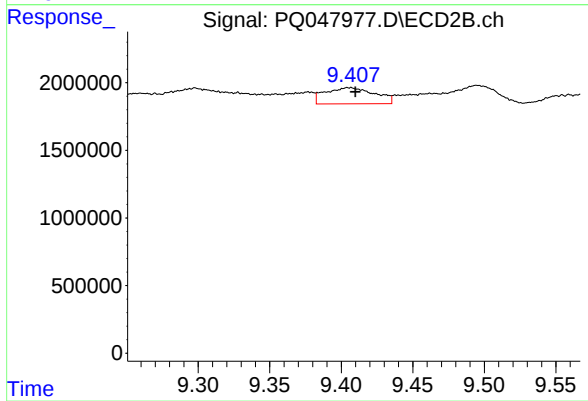
#44 AR-1268-4

R.T.: 9.084 min
Delta R.T.: -0.020 min
Response: 3763209
Conc: 20.44 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 11.246 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.406 min
Delta R.T.: -0.004 min
Response: 2882314
Conc: 2.02 ng/ml