

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
 Data File : PQ071277.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2025 15:42
 Operator : YP\AJ
 Sample : AR1660ICC50
 Misc :
 ALS Vial : 105 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 18 16:11:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 18 16:10:59 2025
 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...	3.426	2.856	38175578	40768474	4.385	4.366
2)	SA Decachlor...	8.562	7.666	28891039	51223518	4.614	5.622
Target Compounds							
3)	L1 AR-1016-1	4.515	3.872	15524796	23086584	46.967	65.574 #
4)	L1 AR-1016-2	4.533	3.888	20951184	29797203	44.050	60.276 #
5)	L1 AR-1016-3	4.591	4.051	13779233	29394853	46.168	106.053 #
6)	L1 AR-1016-4	4.681	4.099	10897408	26098820	44.380	117.897 #
7)	L1 AR-1016-5	4.967	4.297	10124414	41100437	42.825	146.238 #
8)	L2 AR-1221-1	3.621	3.057	721050	2255593	10.291	13.271 #
9)	L2 AR-1221-2	3.700	3.136	3142065	2748372	27.378	34.402 #
10)	L2 AR-1221-3	3.769	3.206	8593342	9339450	36.907	41.952
11)	L3 AR-1232-1	3.769	3.206	8593342	9339450	36.907	41.952
12)	L3 AR-1232-2	4.259	3.888	10773392	29797203	43.059	54.615 #
13)	L3 AR-1232-3	4.515	4.051	15524796	29394853	41.223	40.810
14)	L3 AR-1232-4	4.681	4.137	10897408	24217499	42.355	90.003 #
15)	L3 AR-1232-5	4.821	4.297	12137985	41100437	55.532	141.824 #
16)	L4 AR-1242-1	4.481	3.872	5925810	23086584	50.073	57.002
17)	L4 AR-1242-2	4.515	3.888	15524796	29797203	41.223	54.615 #
18)	L4 AR-1242-3	4.591	4.051	13779233	29394853	21.760	40.810 #
19)	L4 AR-1242-4	4.681	4.137	10897408	24217499	42.355	90.003 #
20)	L4 AR-1242-5	5.329	4.636	30734832	12540219	121.975	42.636 #
21)	L5 AR-1248-1	4.481	3.872	5925810	23086584	50.073	57.002
22)	L5 AR-1248-2	4.743	4.099	1210201	26098820	62.046	99.275 #
23)	L5 AR-1248-3	4.967	4.137	10124414	24217499	41.487	90.003 #
24)	L5 AR-1248-4	5.329	4.297	30734832	41100437	121.975	141.824
25)	L5 AR-1248-5	5.329	4.658	30734832	23492784	121.975	283.487 #
26)	L6 AR-1254-1	5.329	4.636	30734832	12540219	121.975	42.636 #
27)	L6 AR-1254-2	5.483f	4.784	24802973	14800057	1004.581	70.630 #
28)	L6 AR-1254-3	5.869	5.169	8458626	12188800	124.544	84.105 #
29)	L6 AR-1254-4	6.175	5.395	1444797	13775756	59.103	51.339
30)	L6 AR-1254-5	6.587	5.803	27815287	46814642	43.825	50.095
31)	L7 AR-1260-1	6.061	5.299	25461768	42959723	56.898	85.962 #
32)	L7 AR-1260-2	6.319	5.489	25604697	56222060	50.541	92.469 #
33)	L7 AR-1260-3	6.671	5.632	17968577	57187091	46.948	96.437 #
34)	L7 AR-1260-4	6.886	6.097	19249539	35875916	46.036	72.521 #
35)	L7 AR-1260-5	7.194	6.342	36515910	59587977	43.877	51.932
36)	L8 AR-1262-1	6.853	5.847	4805078	35714480	41.374	51.143
37)	L8 AR-1262-2	7.194	6.097	36515910	35875916	40.227	50.866 #
38)	L8 AR-1262-3	7.469	6.622	22921565	29399562	41.365	46.604
39)	L8 AR-1262-4	7.540	6.681	13958630	51804776	38.739	41.010
40)	L8 AR-1262-5	8.041	7.176	10899484	14155929	37.998	39.083
41)	L9 AR-1268-1	7.469	6.622	22921565	29399562	41.365	46.604

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
 Data File : PQ071277.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2025 15:42
 Operator : YP\AJ
 Sample : AR1660ICC50
 Misc :
 ALS Vial : 105 Sample Multiplier: 1

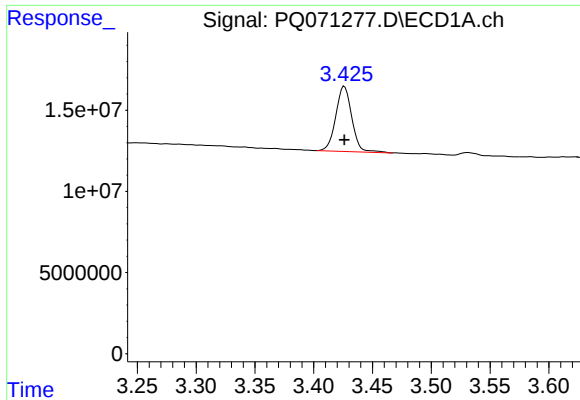
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 18 16:11:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 18 16:10:59 2025
 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
42) L9	AR-1268-2	7.540	6.681	13958630	51804776	38.739	41.010
43) L9	AR-1268-3	0.000	6.892	0	11186320	N.D.	35.765 #
44) L9	AR-1268-4	8.041	7.176	10899484	14155929	37.998	39.083
45) L9	AR-1268-5	8.330	7.447	2687016	5386297	40.361	36.591

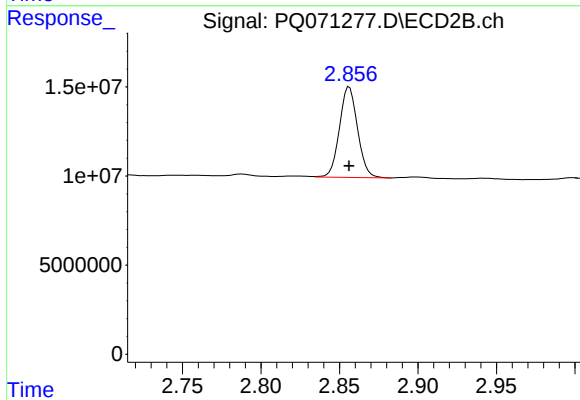
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

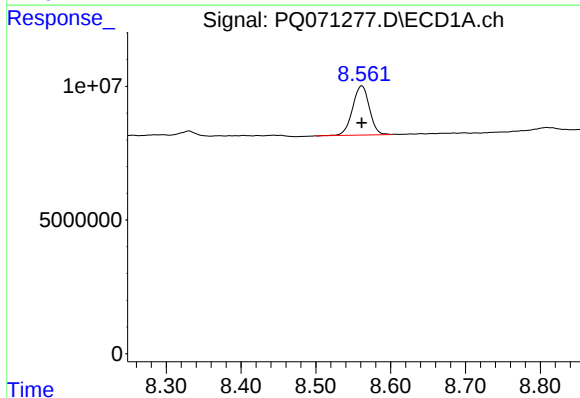
R.T.: 3.426 min
Delta R.T.: 0.000 min
Response: 38175578
Conc: 4.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



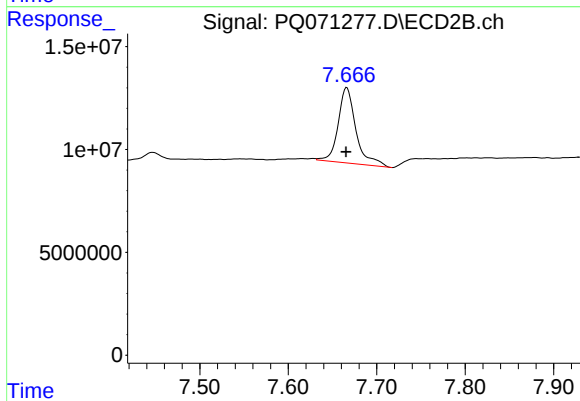
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 40768474
Conc: 4.37 ng/ml



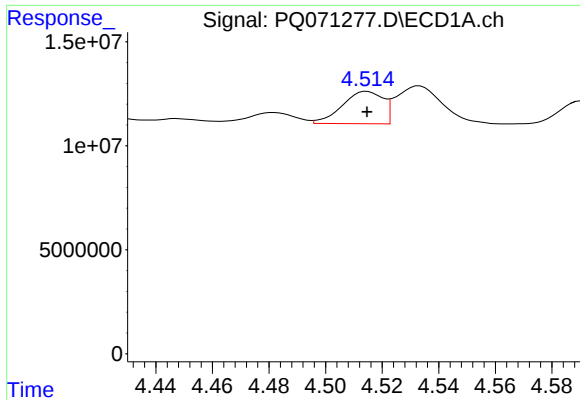
#2 Decachlorobiphenyl

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 28891039
Conc: 4.61 ng/ml



#2 Decachlorobiphenyl

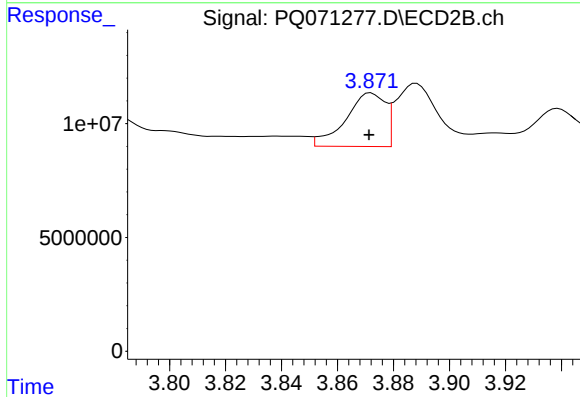
R.T.: 7.666 min
Delta R.T.: 0.000 min
Response: 51223518
Conc: 5.62 ng/ml



#3 AR-1016-1

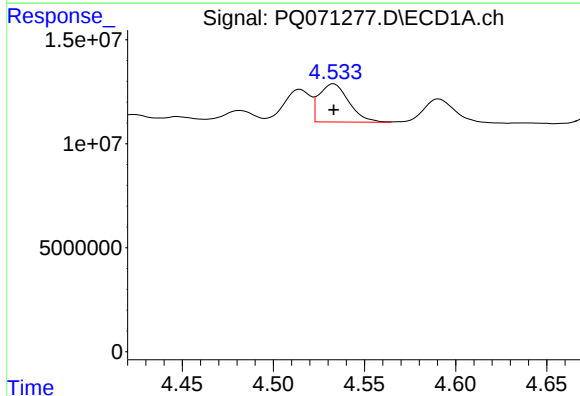
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 15524796
Conc: 46.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



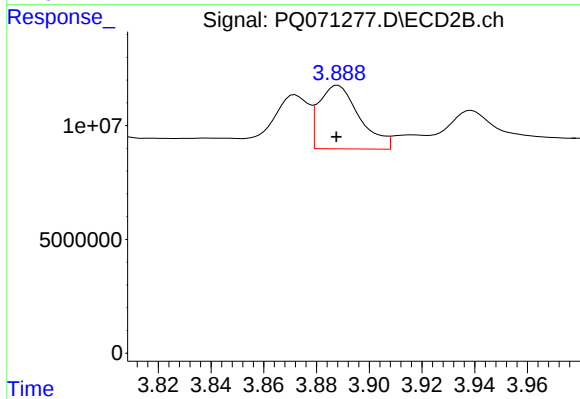
#3 AR-1016-1

R.T.: 3.872 min
Delta R.T.: 0.000 min
Response: 23086584
Conc: 65.57 ng/ml



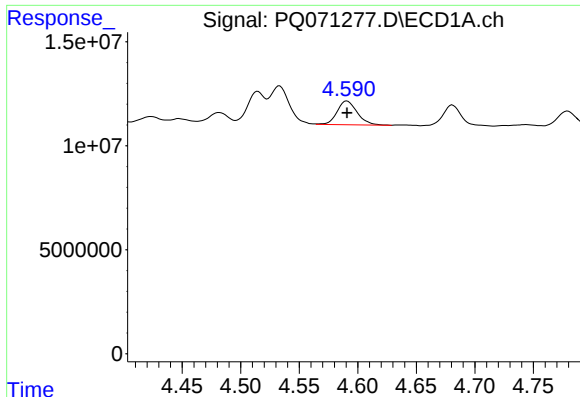
#4 AR-1016-2

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 20951184
Conc: 44.05 ng/ml



#4 AR-1016-2

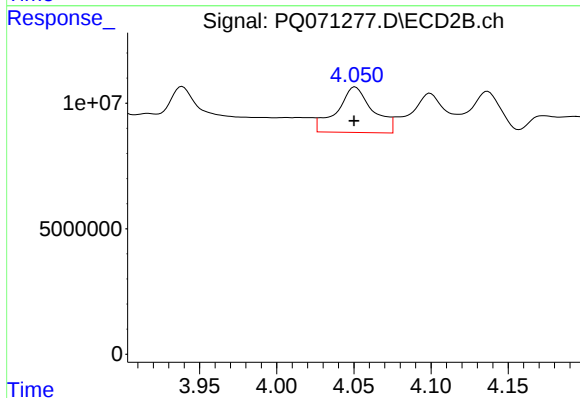
R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 29797203
Conc: 60.28 ng/ml



#5 AR-1016-3

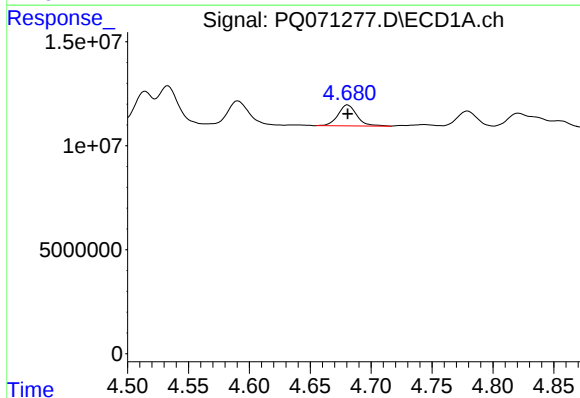
R.T.: 4.591 min
Delta R.T.: 0.000 min
Response: 13779233
Conc: 46.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



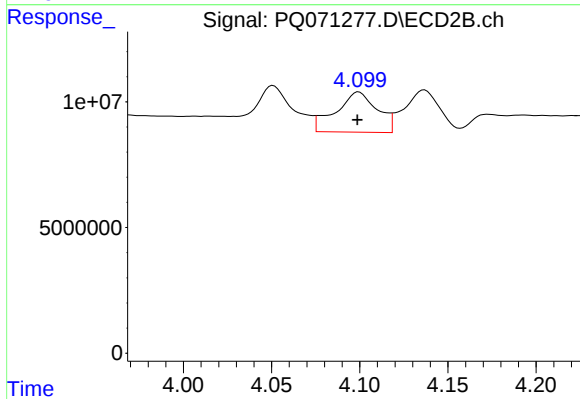
#5 AR-1016-3

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 29394853
Conc: 106.05 ng/ml



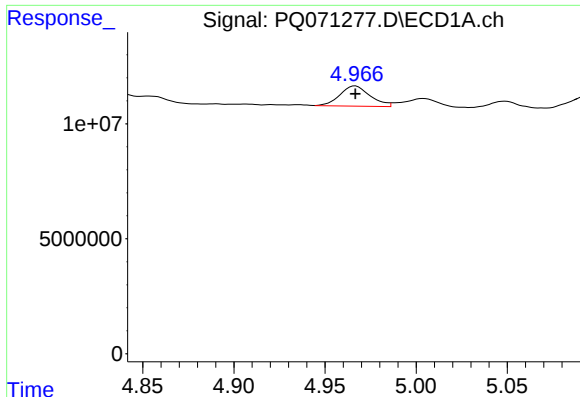
#6 AR-1016-4

R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 10897408
Conc: 44.38 ng/ml



#6 AR-1016-4

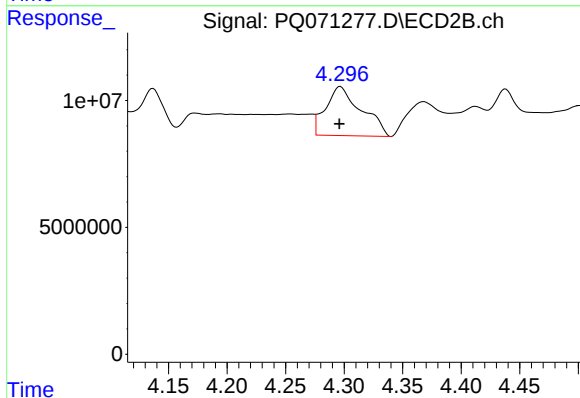
R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 26098820
Conc: 117.90 ng/ml



#7 AR-1016-5

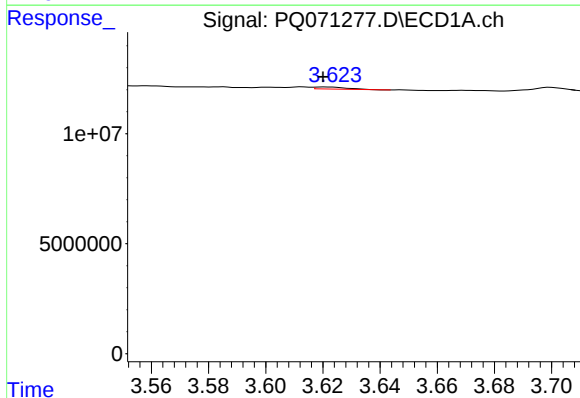
R.T.: 4.967 min
Delta R.T.: 0.000 min
Response: 10124414
Conc: 42.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



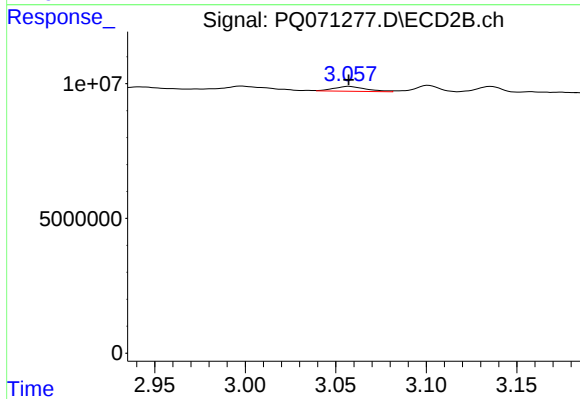
#7 AR-1016-5

R.T.: 4.297 min
Delta R.T.: 0.000 min
Response: 41100437
Conc: 146.24 ng/ml



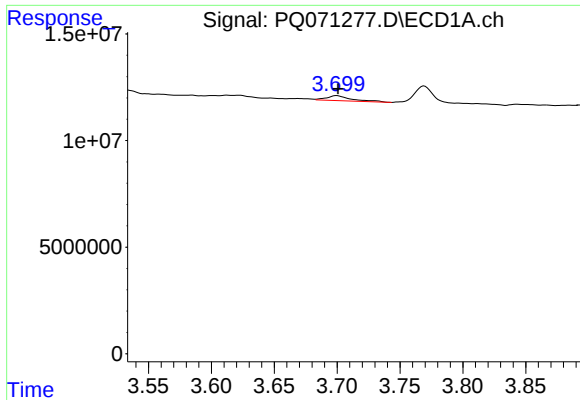
#8 AR-1221-1

R.T.: 3.621 min
Delta R.T.: 0.001 min
Response: 721050
Conc: 10.29 ng/ml



#8 AR-1221-1

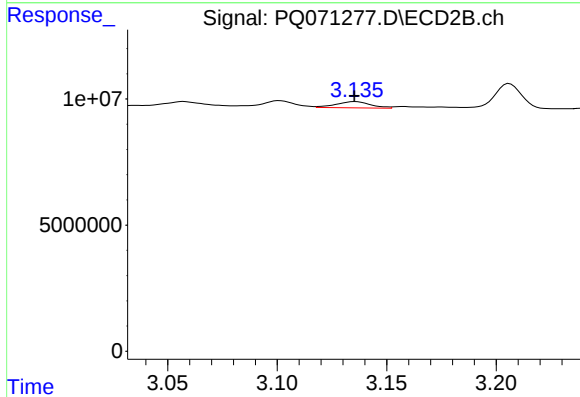
R.T.: 3.057 min
Delta R.T.: 0.000 min
Response: 2255593
Conc: 13.27 ng/ml



#9 AR-1221-2

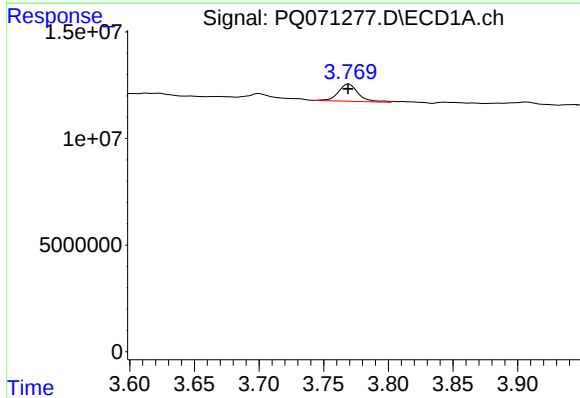
R.T.: 3.700 min
Delta R.T.: -0.001 min
Response: 3142065
Conc: 27.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



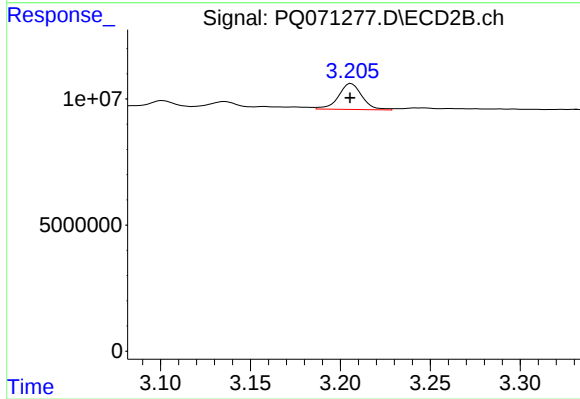
#9 AR-1221-2

R.T.: 3.136 min
Delta R.T.: 0.000 min
Response: 2748372
Conc: 34.40 ng/ml



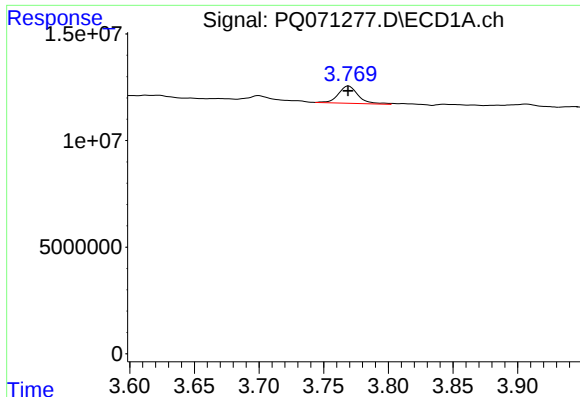
#10 AR-1221-3

R.T.: 3.769 min
Delta R.T.: 0.000 min
Response: 8593342
Conc: 36.91 ng/ml



#10 AR-1221-3

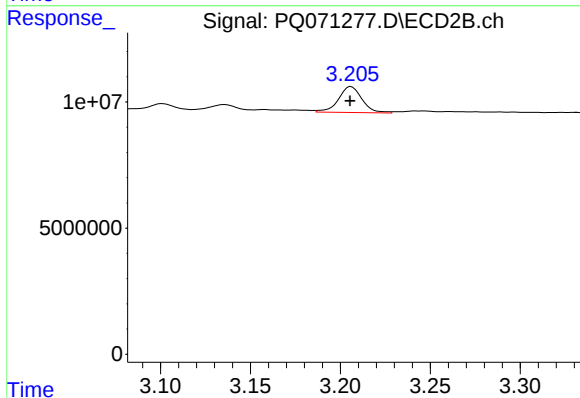
R.T.: 3.206 min
Delta R.T.: 0.000 min
Response: 9339450
Conc: 41.95 ng/ml



#11 AR-1232-1

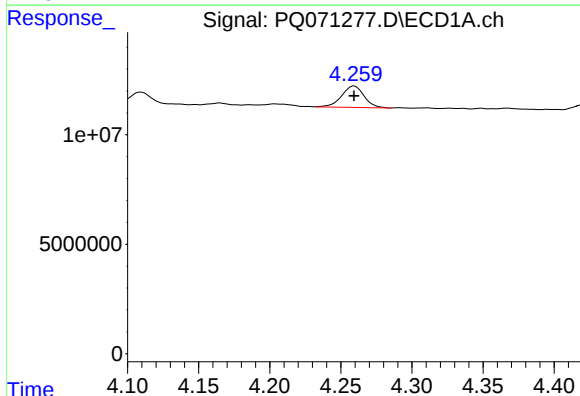
R.T.: 3.769 min
Delta R.T.: 0.000 min
Response: 8593342
Conc: 36.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



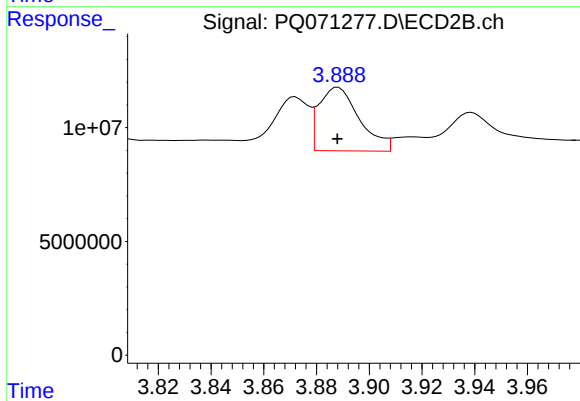
#11 AR-1232-1

R.T.: 3.206 min
Delta R.T.: 0.000 min
Response: 9339450
Conc: 41.95 ng/ml



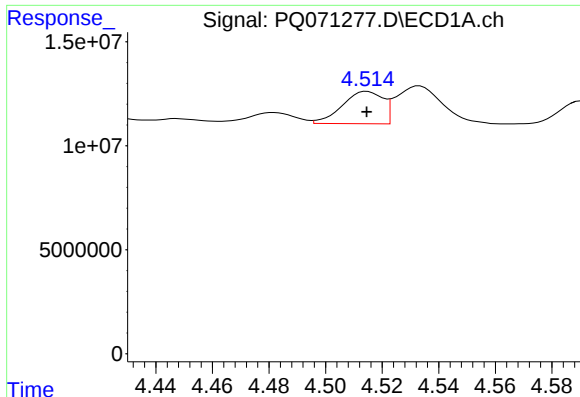
#12 AR-1232-2

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 10773392
Conc: 43.06 ng/ml



#12 AR-1232-2

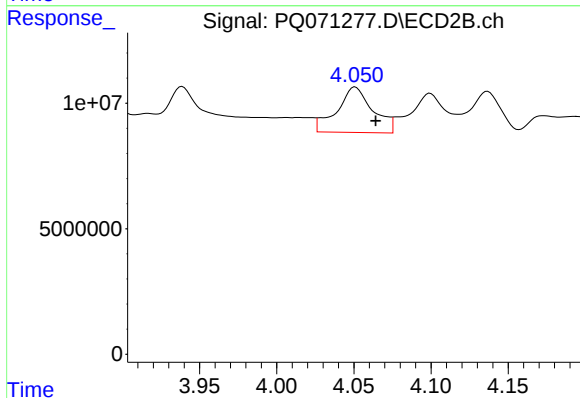
R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 29797203
Conc: 54.61 ng/ml



#13 AR-1232-3

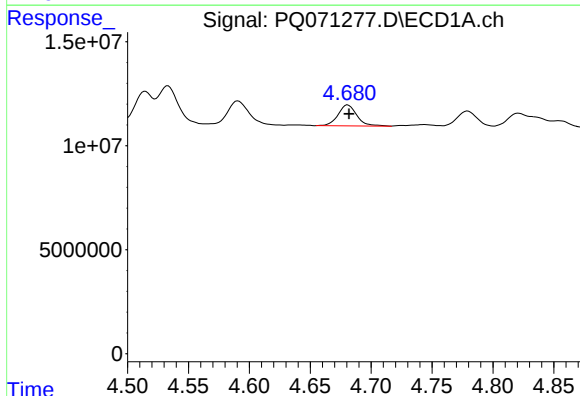
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 15524796
Conc: 41.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



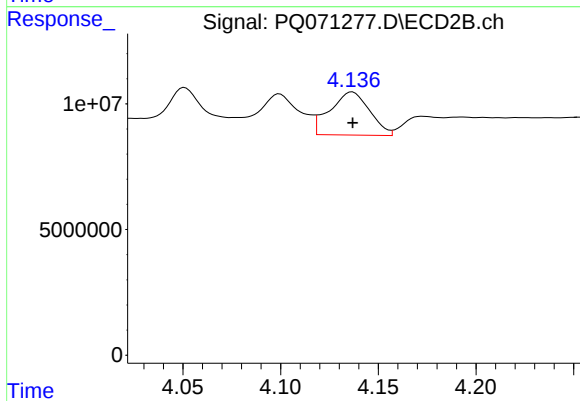
#13 AR-1232-3

R.T.: 4.051 min
Delta R.T.: -0.013 min
Response: 29394853
Conc: 40.81 ng/ml



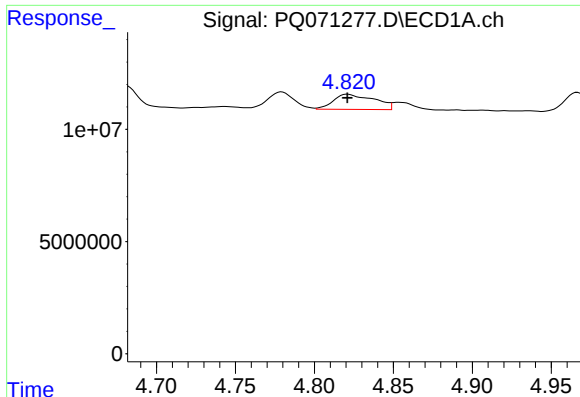
#14 AR-1232-4

R.T.: 4.681 min
Delta R.T.: -0.001 min
Response: 10897408
Conc: 42.35 ng/ml



#14 AR-1232-4

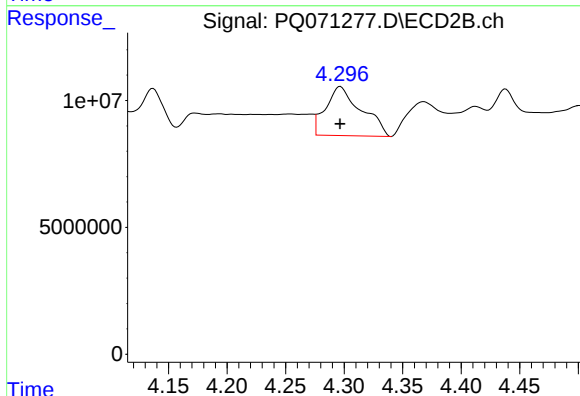
R.T.: 4.137 min
Delta R.T.: 0.000 min
Response: 24217499
Conc: 90.00 ng/ml



#15 AR-1232-5

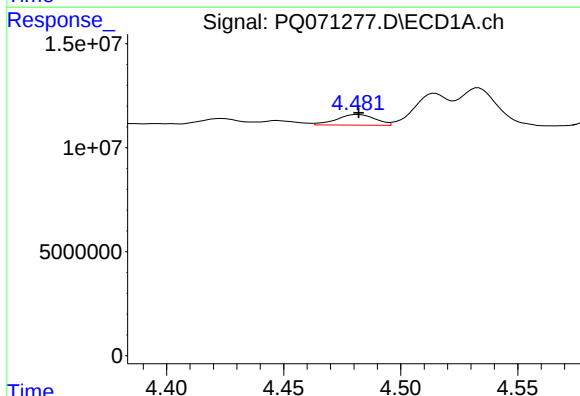
R.T.: 4.821 min
Delta R.T.: 0.000 min
Response: 12137985
Conc: 55.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



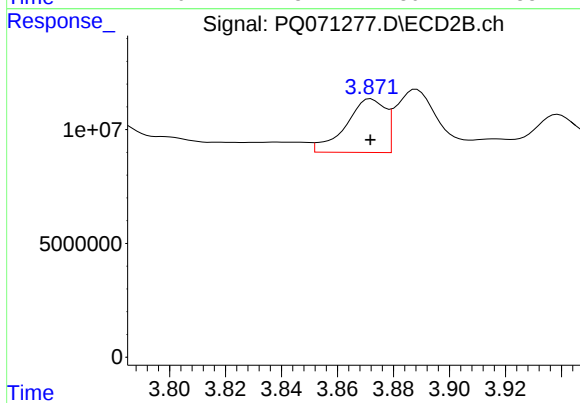
#15 AR-1232-5

R.T.: 4.297 min
Delta R.T.: 0.000 min
Response: 41100437
Conc: 141.82 ng/ml



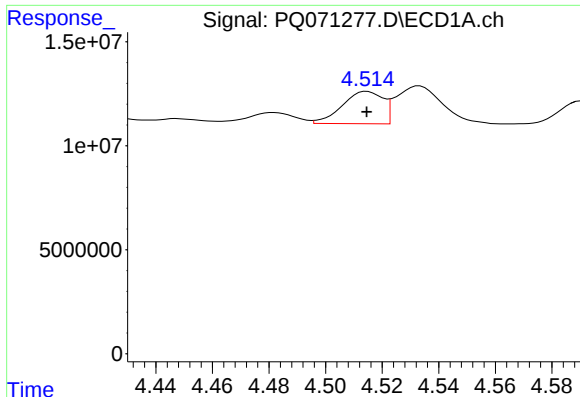
#16 AR-1242-1

R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 5925810
Conc: 50.07 ng/ml



#16 AR-1242-1

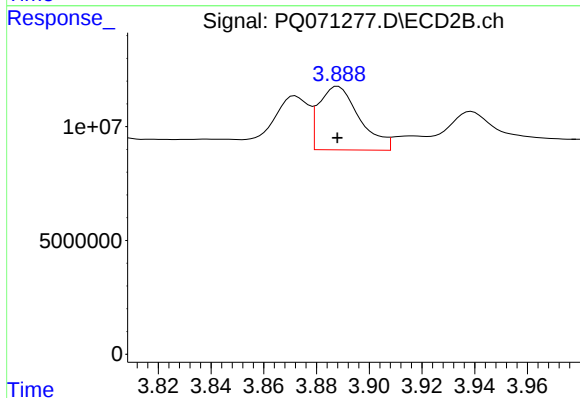
R.T.: 3.872 min
Delta R.T.: 0.000 min
Response: 23086584
Conc: 57.00 ng/ml



#17 AR-1242-2

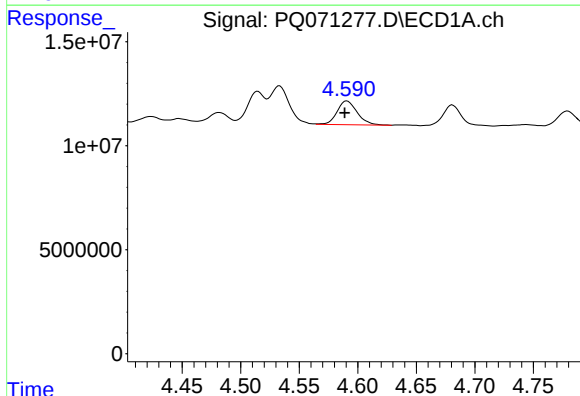
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 15524796
Conc: 41.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



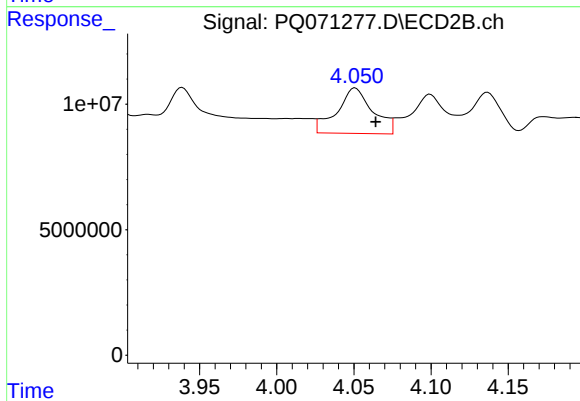
#17 AR-1242-2

R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 29797203
Conc: 54.61 ng/ml



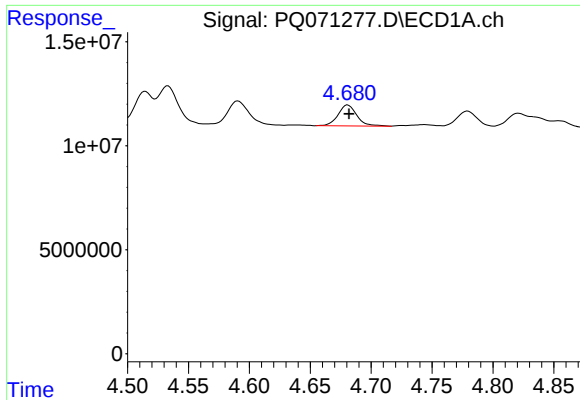
#18 AR-1242-3

R.T.: 4.591 min
Delta R.T.: 0.002 min
Response: 13779233
Conc: 21.76 ng/ml



#18 AR-1242-3

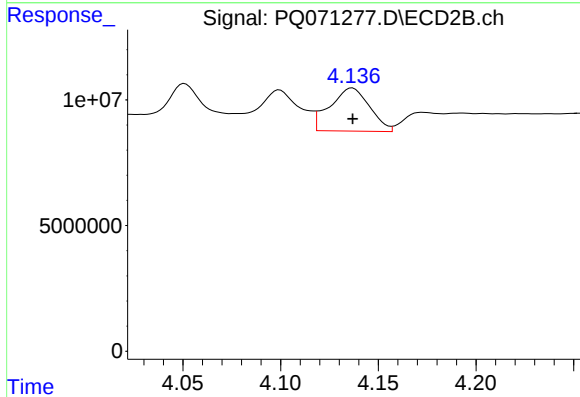
R.T.: 4.051 min
Delta R.T.: -0.013 min
Response: 29394853
Conc: 40.81 ng/ml



#19 AR-1242-4

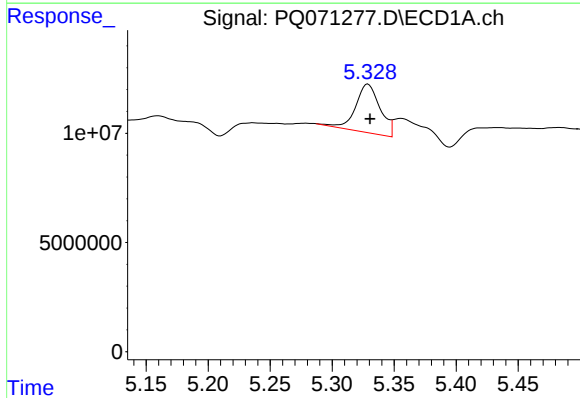
R.T.: 4.681 min
Delta R.T.: -0.001 min
Response: 10897408
Conc: 42.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



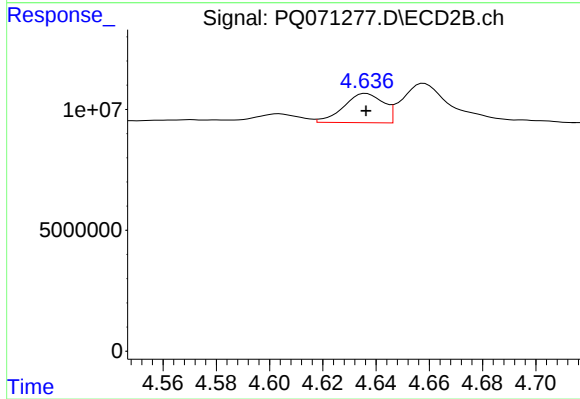
#19 AR-1242-4

R.T.: 4.137 min
Delta R.T.: 0.000 min
Response: 24217499
Conc: 90.00 ng/ml



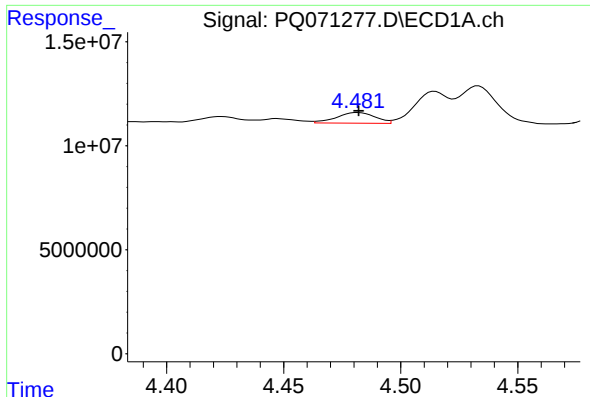
#20 AR-1242-5

R.T.: 5.329 min
Delta R.T.: -0.002 min
Response: 30734832
Conc: 121.97 ng/ml



#20 AR-1242-5

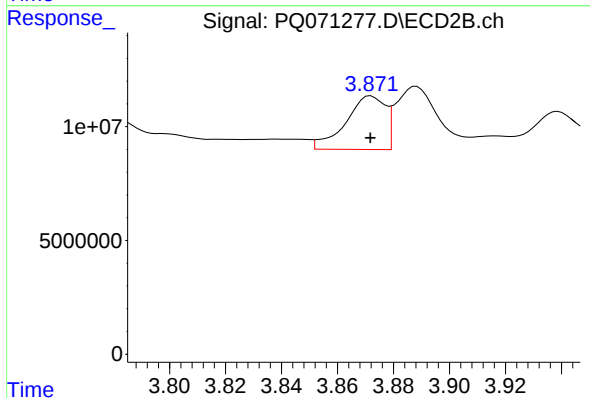
R.T.: 4.636 min
Delta R.T.: 0.000 min
Response: 12540219
Conc: 42.64 ng/ml



#21 AR-1248-1

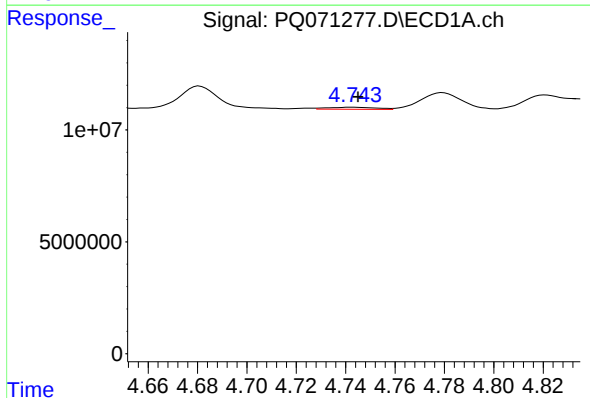
R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 5925810
Conc: 50.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



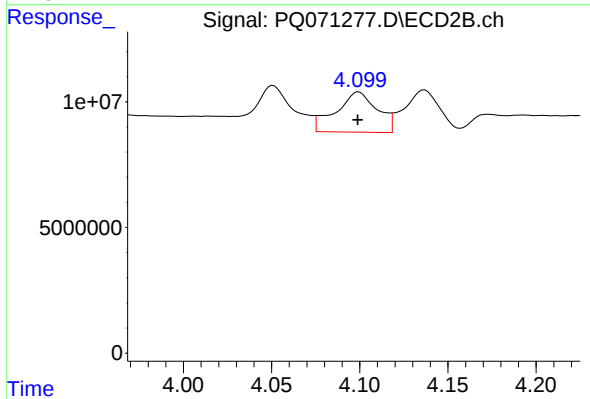
#21 AR-1248-1

R.T.: 3.872 min
Delta R.T.: 0.000 min
Response: 23086584
Conc: 57.00 ng/ml



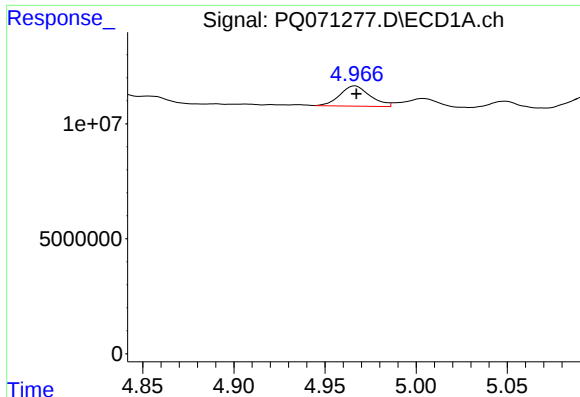
#22 AR-1248-2

R.T.: 4.743 min
Delta R.T.: -0.002 min
Response: 1210201
Conc: 62.05 ng/ml



#22 AR-1248-2

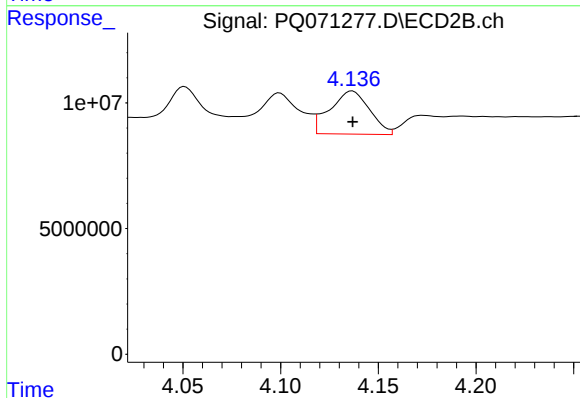
R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 26098820
Conc: 99.28 ng/ml



#23 AR-1248-3

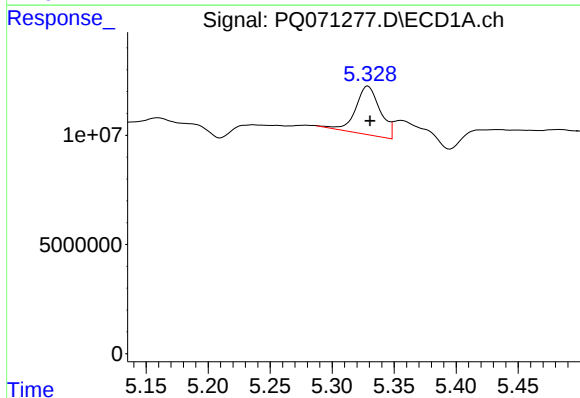
R.T.: 4.967 min
Delta R.T.: 0.000 min
Response: 10124414
Conc: 41.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



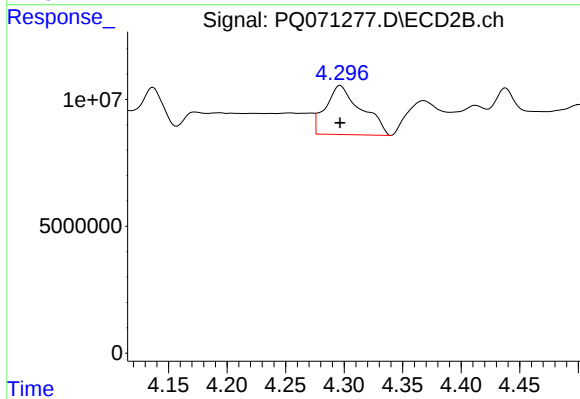
#23 AR-1248-3

R.T.: 4.137 min
Delta R.T.: 0.000 min
Response: 24217499
Conc: 90.00 ng/ml



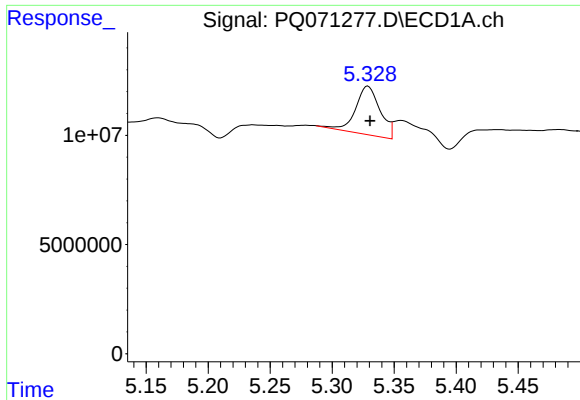
#24 AR-1248-4

R.T.: 5.329 min
Delta R.T.: -0.002 min
Response: 30734832
Conc: 121.97 ng/ml



#24 AR-1248-4

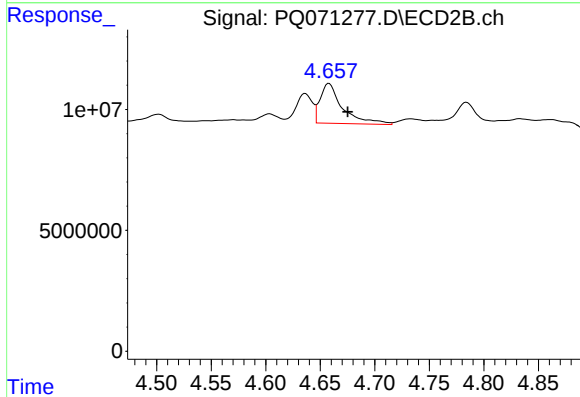
R.T.: 4.297 min
Delta R.T.: 0.000 min
Response: 41100437
Conc: 141.82 ng/ml



#25 AR-1248-5

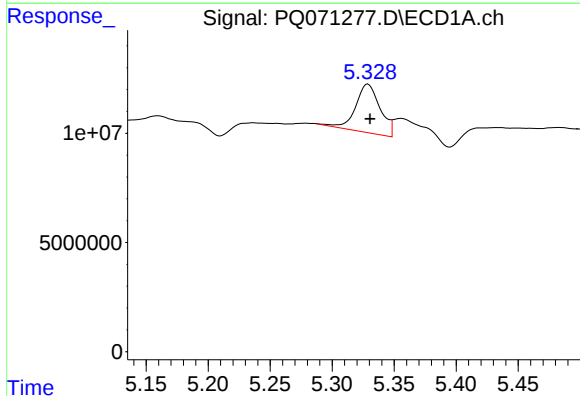
R.T.: 5.329 min
Delta R.T.: -0.002 min
Response: 30734832
Conc: 121.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



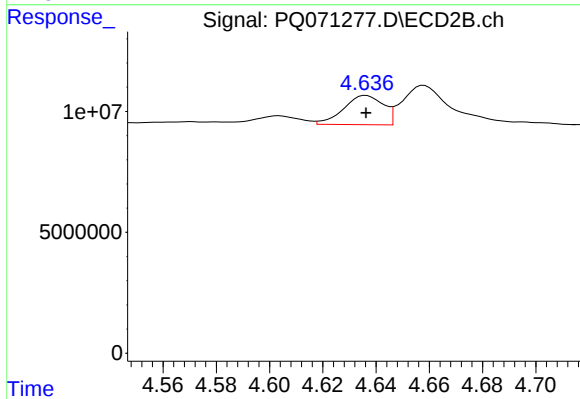
#25 AR-1248-5

R.T.: 4.658 min
Delta R.T.: -0.017 min
Response: 23492784
Conc: 283.49 ng/ml



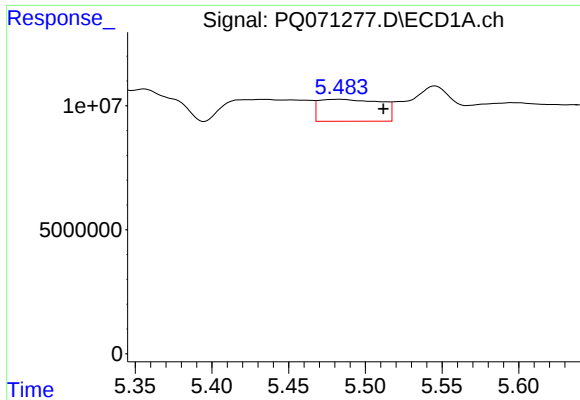
#26 AR-1254-1

R.T.: 5.329 min
Delta R.T.: -0.002 min
Response: 30734832
Conc: 121.97 ng/ml



#26 AR-1254-1

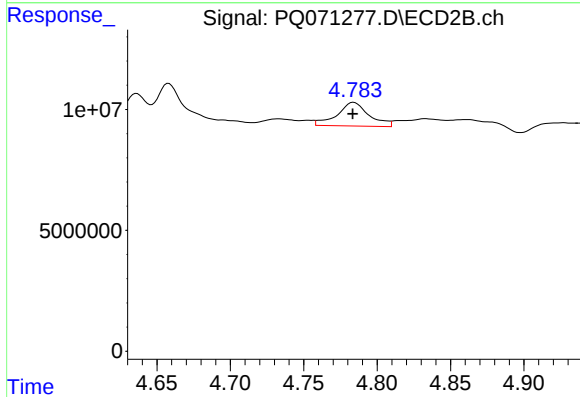
R.T.: 4.636 min
Delta R.T.: 0.000 min
Response: 12540219
Conc: 42.64 ng/ml



#27 AR-1254-2

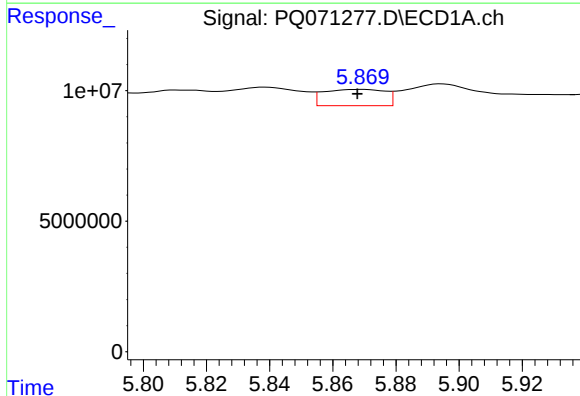
R.T.: 5.483 min
Delta R.T.: -0.028 min
Response: 24802973
Conc: 1004.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



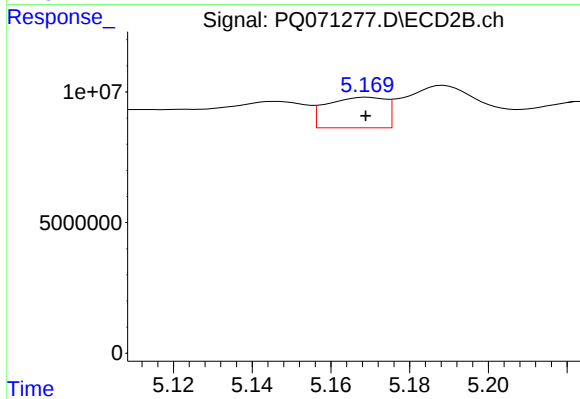
#27 AR-1254-2

R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 14800057
Conc: 70.63 ng/ml



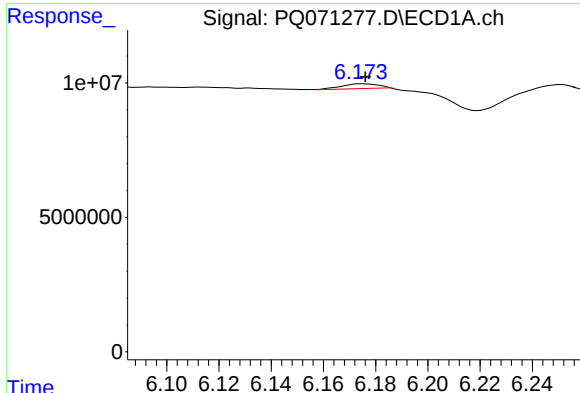
#28 AR-1254-3

R.T.: 5.869 min
Delta R.T.: 0.002 min
Response: 8458626
Conc: 124.54 ng/ml



#28 AR-1254-3

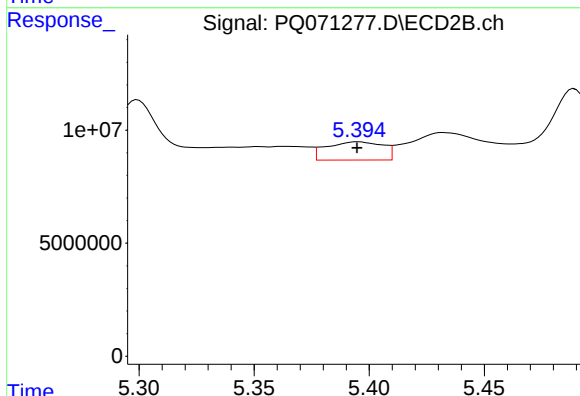
R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 12188800
Conc: 84.11 ng/ml



#29 AR-1254-4

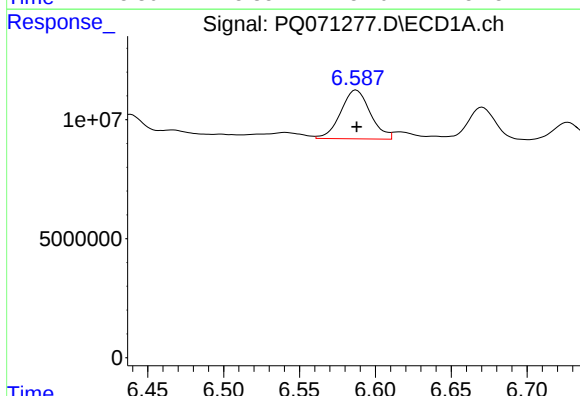
R.T.: 6.175 min
Delta R.T.: -0.001 min
Response: 1444797
Conc: 59.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



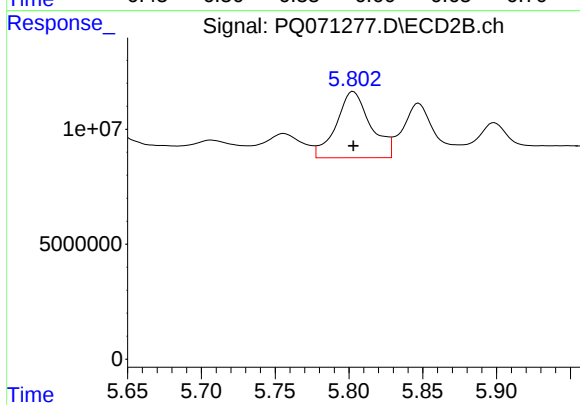
#29 AR-1254-4

R.T.: 5.395 min
Delta R.T.: 0.000 min
Response: 13775756
Conc: 51.34 ng/ml



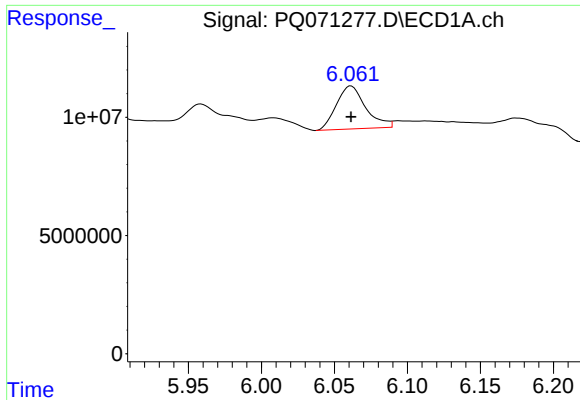
#30 AR-1254-5

R.T.: 6.587 min
Delta R.T.: 0.000 min
Response: 27815287
Conc: 43.82 ng/ml



#30 AR-1254-5

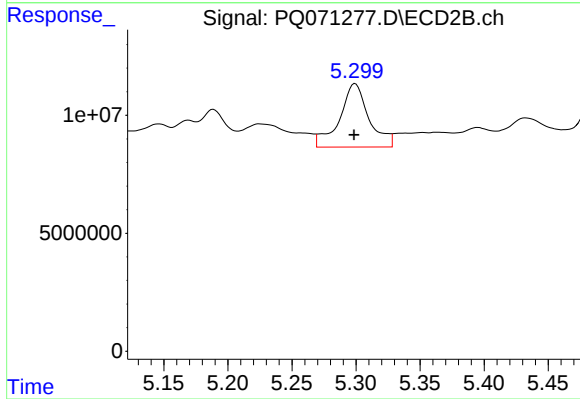
R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 46814642
Conc: 50.09 ng/ml



#31 AR-1260-1

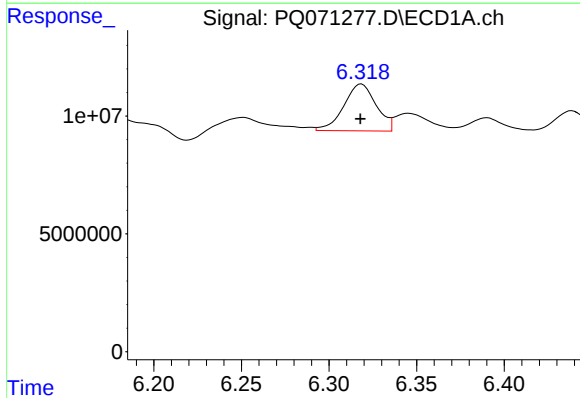
R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 25461768
Conc: 56.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



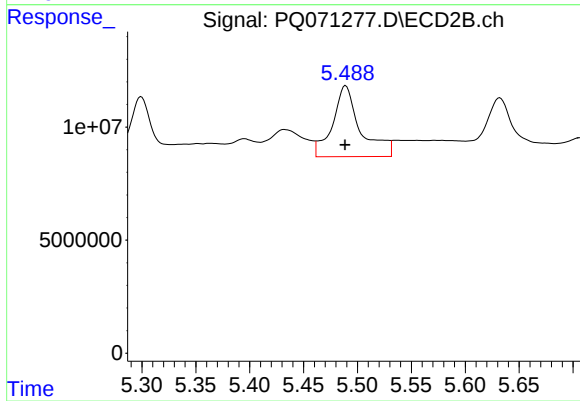
#31 AR-1260-1

R.T.: 5.299 min
Delta R.T.: 0.000 min
Response: 42959723
Conc: 85.96 ng/ml



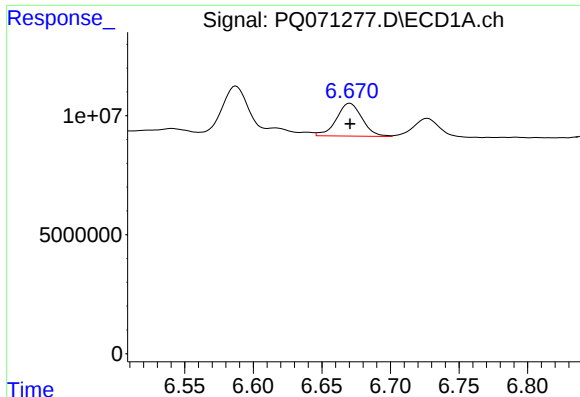
#32 AR-1260-2

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 25604697
Conc: 50.54 ng/ml



#32 AR-1260-2

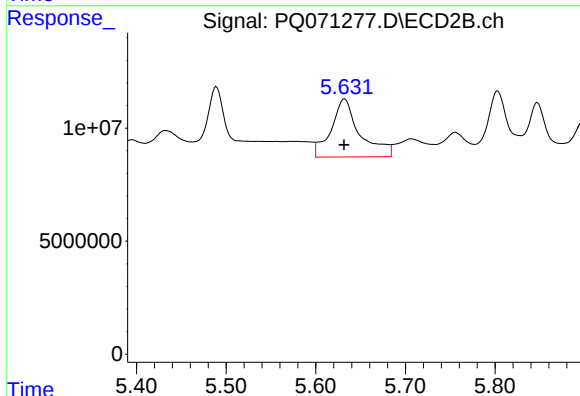
R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 56222060
Conc: 92.47 ng/ml



#33 AR-1260-3

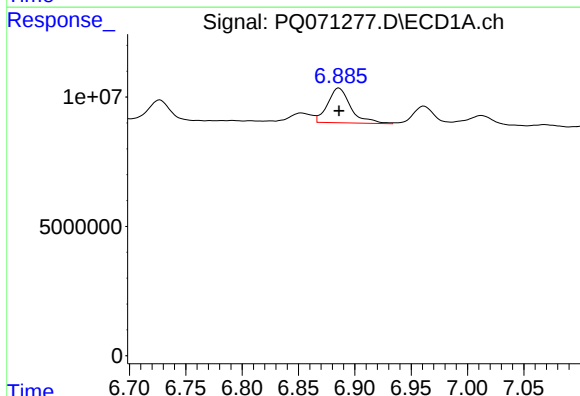
R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 17968577
Conc: 46.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



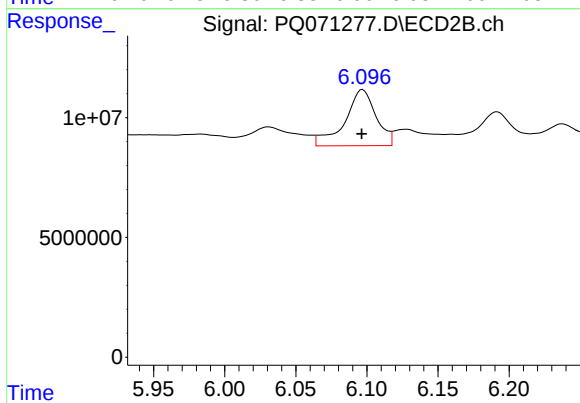
#33 AR-1260-3

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 57187091
Conc: 96.44 ng/ml



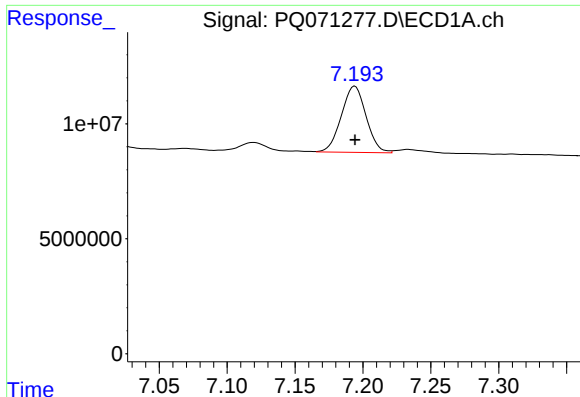
#34 AR-1260-4

R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 19249539
Conc: 46.04 ng/ml



#34 AR-1260-4

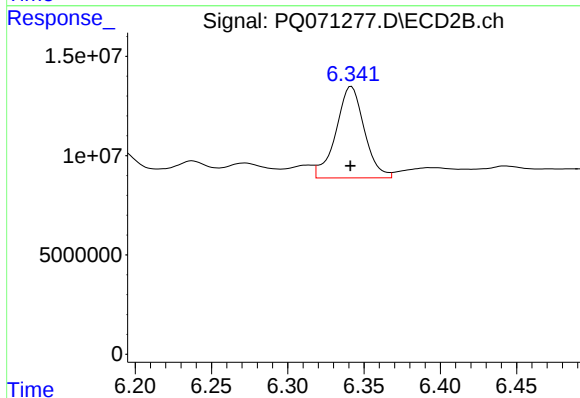
R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 35875916
Conc: 72.52 ng/ml



#35 AR-1260-5

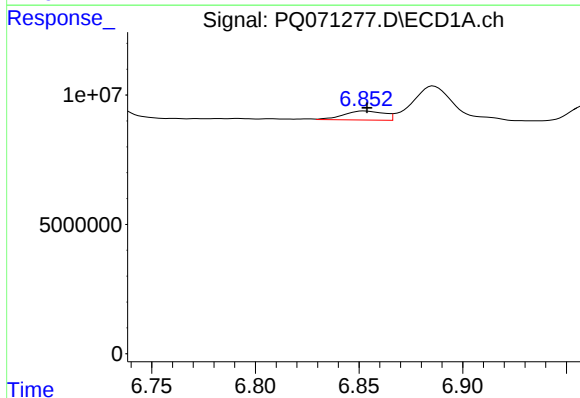
R.T.: 7.194 min
Delta R.T.: 0.000 min
Response: 36515910
Conc: 43.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



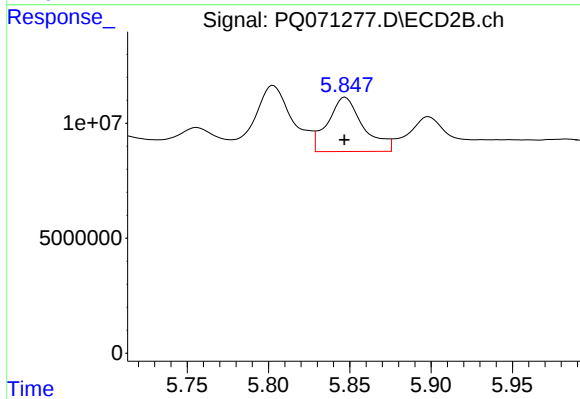
#35 AR-1260-5

R.T.: 6.342 min
Delta R.T.: 0.000 min
Response: 59587977
Conc: 51.93 ng/ml



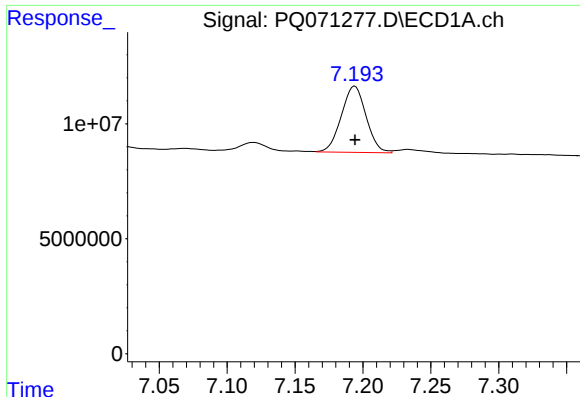
#36 AR-1262-1

R.T.: 6.853 min
Delta R.T.: 0.000 min
Response: 4805078
Conc: 41.37 ng/ml



#36 AR-1262-1

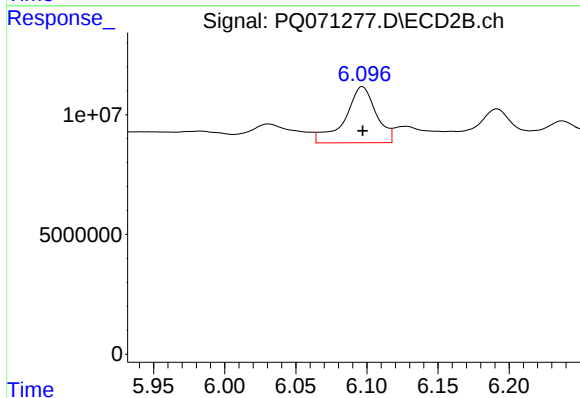
R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 35714480
Conc: 51.14 ng/ml



#37 AR-1262-2

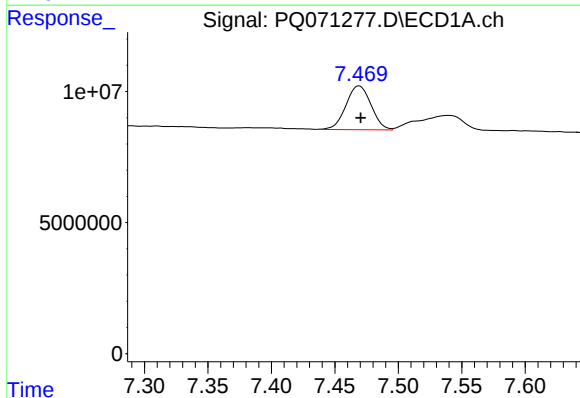
R.T.: 7.194 min
Delta R.T.: 0.000 min
Response: 36515910
Conc: 40.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



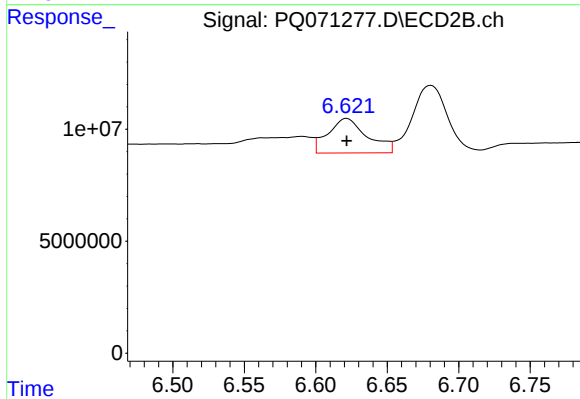
#37 AR-1262-2

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 35875916
Conc: 50.87 ng/ml



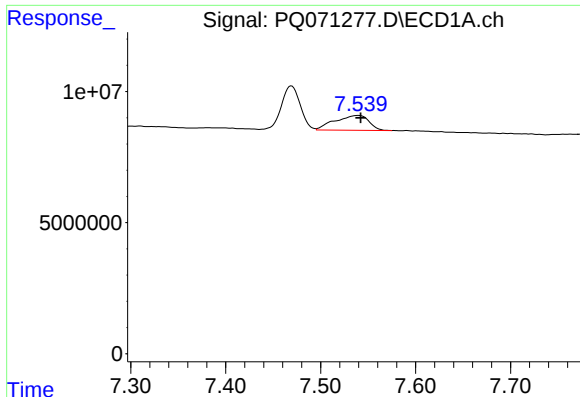
#38 AR-1262-3

R.T.: 7.469 min
Delta R.T.: -0.001 min
Response: 22921565
Conc: 41.37 ng/ml



#38 AR-1262-3

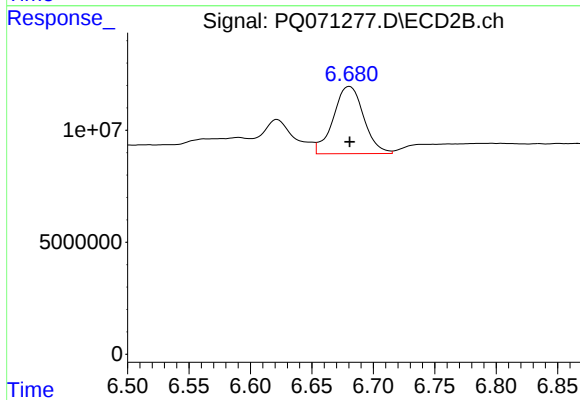
R.T.: 6.622 min
Delta R.T.: 0.000 min
Response: 29399562
Conc: 46.60 ng/ml



#39 AR-1262-4

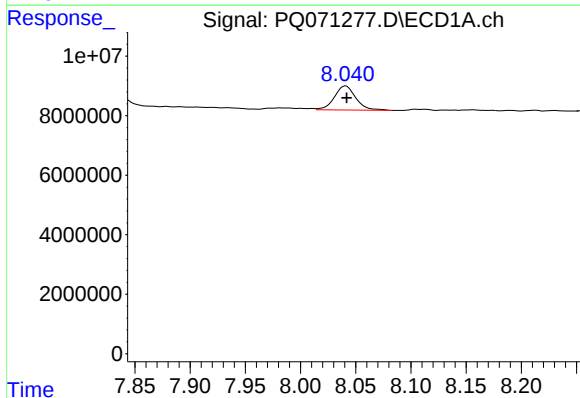
R.T.: 7.540 min
Delta R.T.: -0.002 min
Response: 13958630
Conc: 38.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



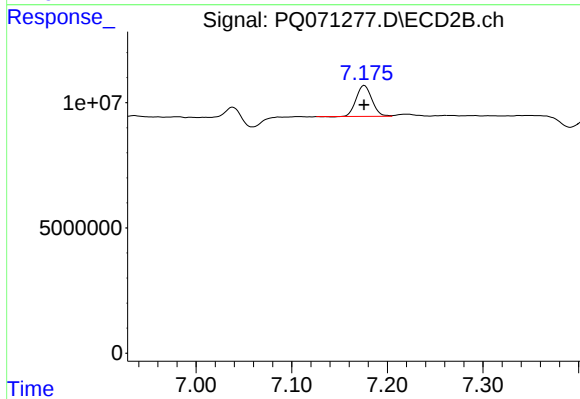
#39 AR-1262-4

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 51804776
Conc: 41.01 ng/ml



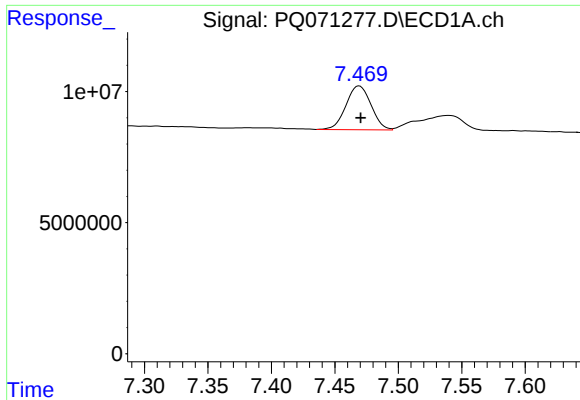
#40 AR-1262-5

R.T.: 8.041 min
Delta R.T.: 0.000 min
Response: 10899484
Conc: 38.00 ng/ml



#40 AR-1262-5

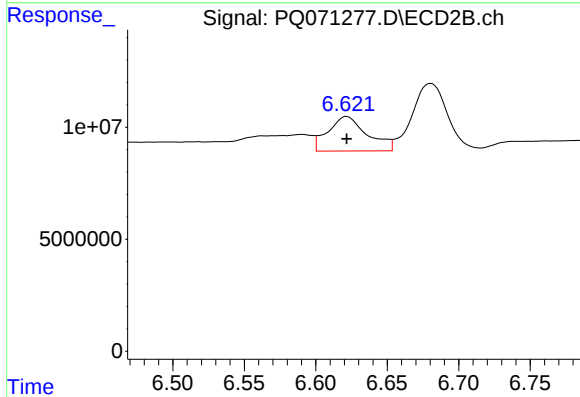
R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 14155929
Conc: 39.08 ng/ml



#41 AR-1268-1

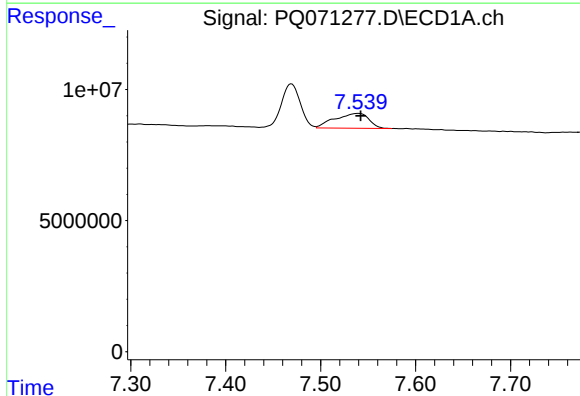
R.T.: 7.469 min
Delta R.T.: -0.001 min
Response: 22921565
Conc: 41.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



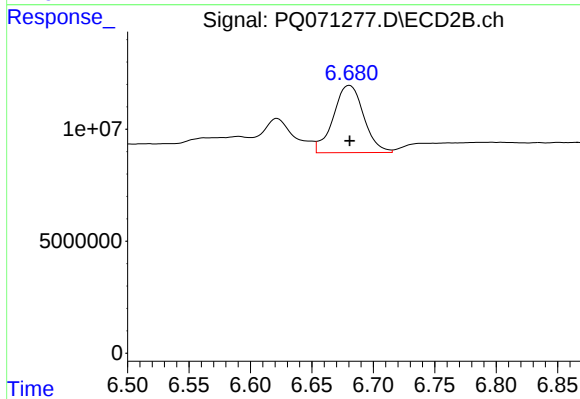
#41 AR-1268-1

R.T.: 6.622 min
Delta R.T.: 0.000 min
Response: 29399562
Conc: 46.60 ng/ml



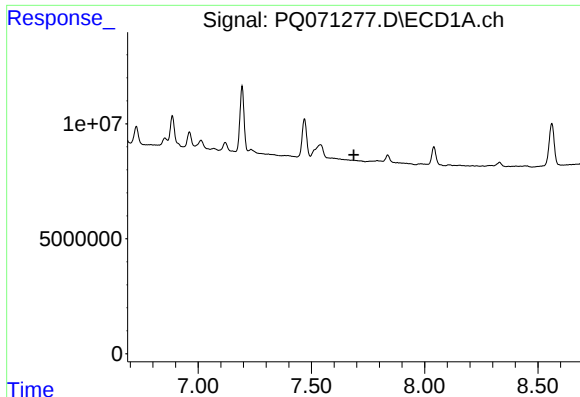
#42 AR-1268-2

R.T.: 7.540 min
Delta R.T.: -0.002 min
Response: 13958630
Conc: 38.74 ng/ml



#42 AR-1268-2

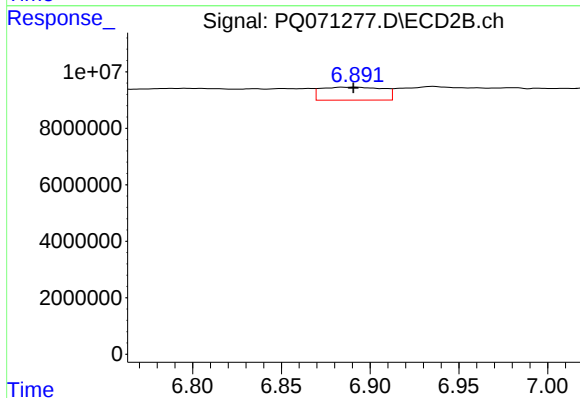
R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 51804776
Conc: 41.01 ng/ml



#43 AR-1268-3

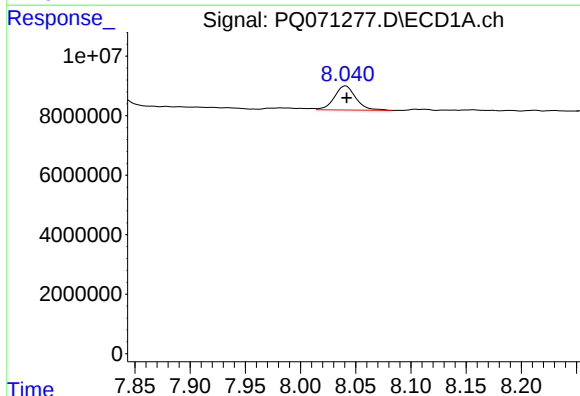
R.T.: 0.000 min
Exp R.T.: 7.687 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



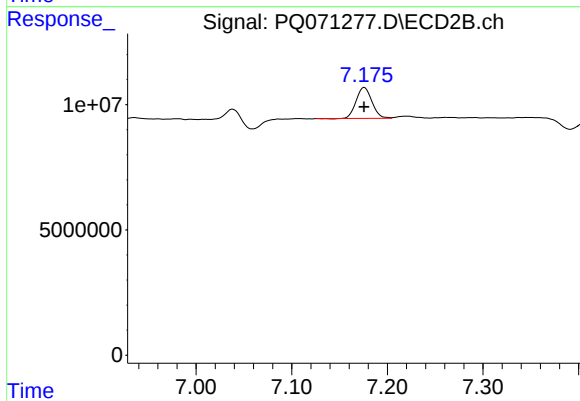
#43 AR-1268-3

R.T.: 6.892 min
Delta R.T.: 0.001 min
Response: 11186320
Conc: 35.77 ng/ml



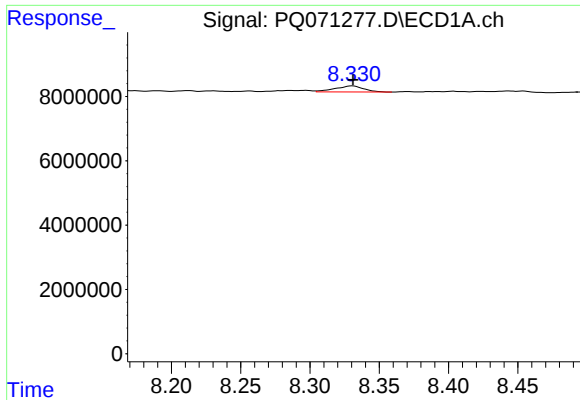
#44 AR-1268-4

R.T.: 8.041 min
Delta R.T.: 0.000 min
Response: 10899484
Conc: 38.00 ng/ml



#44 AR-1268-4

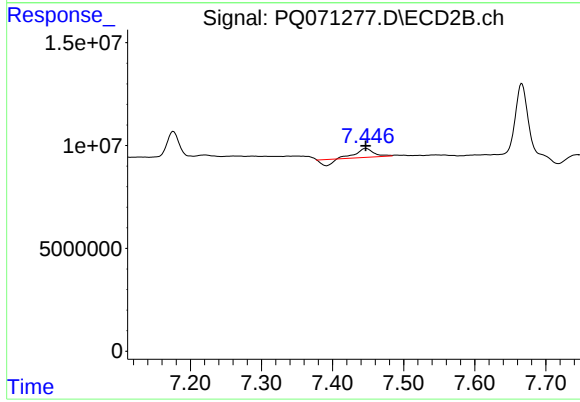
R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 14155929
Conc: 39.08 ng/ml



#45 AR-1268-5

R.T.: 8.330 min
Delta R.T.: 0.000 min
Response: 2687016
Conc: 40.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.447 min
Delta R.T.: 0.000 min
Response: 5386297
Conc: 36.59 ng/ml