

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ061623\
 Data File : PQ061482.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2023 16:12
 Operator : YP\AJ
 Sample : PB153483BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 16 17:35:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 09 18:19:31 2023
 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...	3.406	2.760	146.4E6	77022866	32.575	28.844
2)	SA Decachlor...	8.590	7.533	114.0E6	103.7E6	33.847	30.894
Target Compounds							
3)	L1 AR-1016-1	4.506	3.762	9793133	7459065	63.613	72.319
4)	L1 AR-1016-2	4.526	3.777	15582442	9141594	68.295	61.359
5)	L1 AR-1016-3	4.583	3.937	10126822	5087210	71.265	64.374
6)	L1 AR-1016-4	4.675	3.986	8080221	4578759	70.179	64.483
7)	L1 AR-1016-5	4.962	4.181	8288509	5589058	71.717	65.282
8)	L2 AR-1221-1	3.602	2.962	1433808	365037	25.553	10.252 #
9)	L2 AR-1221-2	3.684	3.030	3589523	1923947	85.059	69.854
10)	L2 AR-1221-3	3.755	3.106	6772623	3560695	51.667	42.019
11)	L3 AR-1232-1	3.755	3.106	6772623	3560695	70.852	57.820
12)	L3 AR-1232-2	4.247	3.777	8556718	9141594	155.759	132.684
13)	L3 AR-1232-3	4.526	3.937	15582442	5087210	149.172	140.685
14)	L3 AR-1232-4	4.675	4.023	8080221	5168768	152.292	160.367
15)	L3 AR-1232-5	4.772	4.181	6490847	5589058	172.114	145.836
16)	L4 AR-1242-1	4.506	3.762	9793133	7459065	86.307	97.391
17)	L4 AR-1242-2	4.526	3.777	15582442	9141594	91.770	82.487
18)	L4 AR-1242-3	4.583	3.937	10126822	5087210	94.660	85.958
19)	L4 AR-1242-4	4.675	4.023	8080221	5168768	93.101	86.311
20)	L4 AR-1242-5	5.390	4.517	613799	4527626	6.921	56.546 #
21)	L5 AR-1248-1	4.506	3.762	9793133	7459065	108.687	119.852
22)	L5 AR-1248-2	4.772	3.986	6490847	4578759	51.059	47.372
23)	L5 AR-1248-3	4.962	4.023	8288509	5168768	53.807	56.543
24)	L5 AR-1248-4	5.357	4.181	2864472	5589058	16.875	49.360 #
25)	L5 AR-1248-5	5.390	4.556	613799	906128	3.747	8.227 #
26)	L6 AR-1254-1	5.329	4.517	6626858	4527626	38.799	27.533 #
27)	L6 AR-1254-2	5.547	4.664	7778639	4464787	29.092	29.685
28)	L6 AR-1254-3	5.900	5.046	6004837	2042915	21.489	8.779 #
29)	L6 AR-1254-4	6.183	5.270	3301113	966945	16.128	6.730 #
30)	L6 AR-1254-5	6.596	5.677	22068862	16837340	93.558	73.812
31)	L7 AR-1260-1	6.065	5.175	15742883	11239961	70.859	65.345
32)	L7 AR-1260-2	6.325	5.365	19339261	14611231	72.692	70.506
33)	L7 AR-1260-3	6.679	5.506	11755930	13567691	69.914	68.312
34)	L7 AR-1260-4	6.896	5.969	13791403	9318497	68.718	63.346
35)	L7 AR-1260-5	7.208	6.214	26326520	20676785	69.172	63.678
36)	L8 AR-1262-1	6.679	5.720	11755930	9491999	39.265	39.167
37)	L8 AR-1262-2	7.208	6.214	26326520	20676785	52.216	47.310
38)	L8 AR-1262-3	7.487	6.492	16786401	5282946	49.672	29.314 #
39)	L8 AR-1262-4	7.558	6.550	4677280	17135057	18.213	51.669 #
40)	L8 AR-1262-5	8.063	7.048	6380209	6193295	37.463	38.607
41)	L9 AR-1268-1	7.487	6.492	16786401	5282946	30.479	10.753 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ061623\
Data File : PQ061482.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jun 2023 16:12
Operator : YP\AJ
Sample : PB153483BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

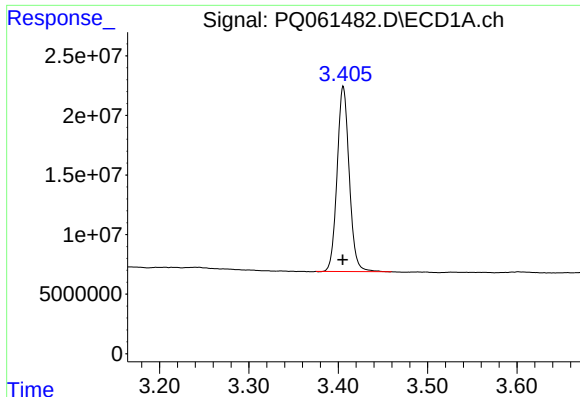
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 16 17:35:17 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jun 09 18:19:31 2023
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	7.558	6.550	4677280	17135057	9.492	38.515 #
43)	L9 AR-1268-3	7.741	6.753	446745	871466	1.083	2.226 #
44)	L9 AR-1268-4	8.063	7.048	6380209	6193295	36.045	36.891
45)	L9 AR-1268-5	8.356	7.315	2693214	3704265	2.266	2.987 #

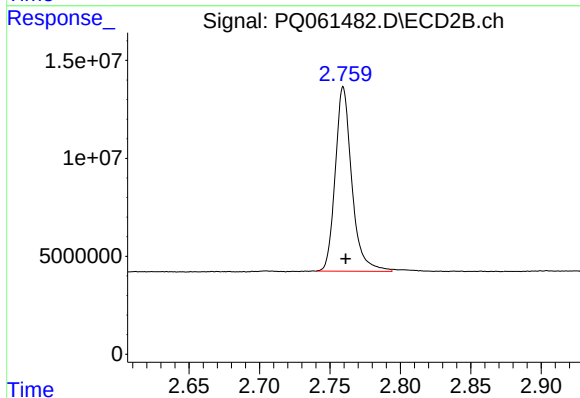
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

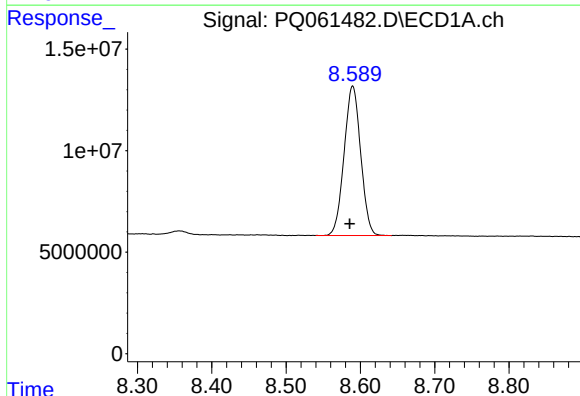
R.T.: 3.406 min
Delta R.T.: 0.000 min
Response: 146424779
Conc: 32.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



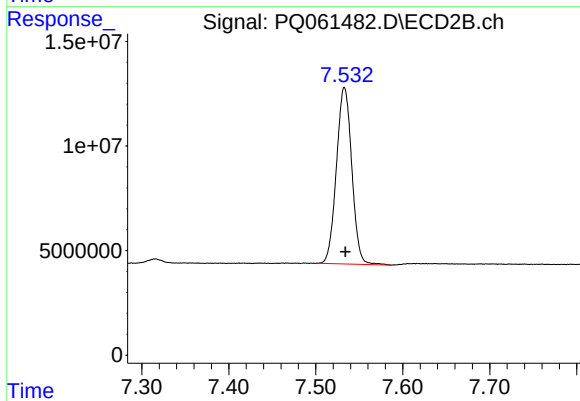
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: -0.002 min
Response: 77022866
Conc: 28.84 ng/ml



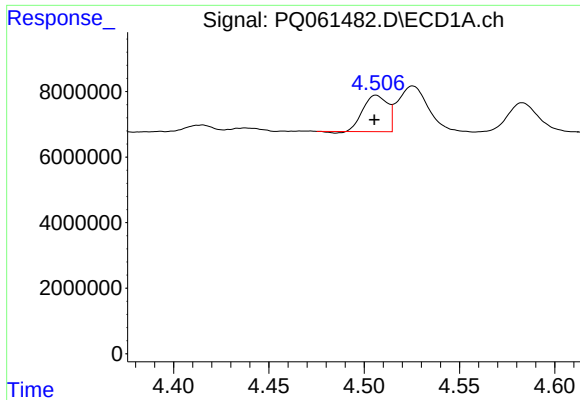
#2 Decachlorobiphenyl

R.T.: 8.590 min
Delta R.T.: 0.004 min
Response: 114020349
Conc: 33.85 ng/ml



#2 Decachlorobiphenyl

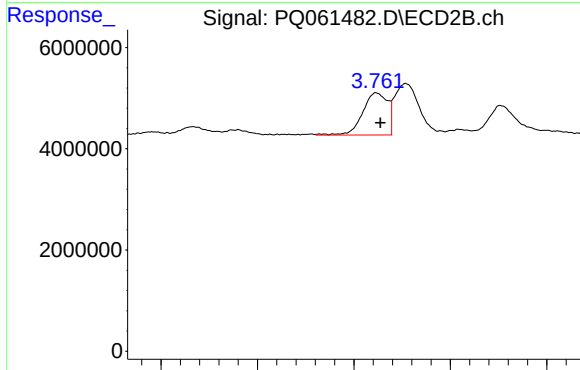
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 103696552
Conc: 30.89 ng/ml



#3 AR-1016-1

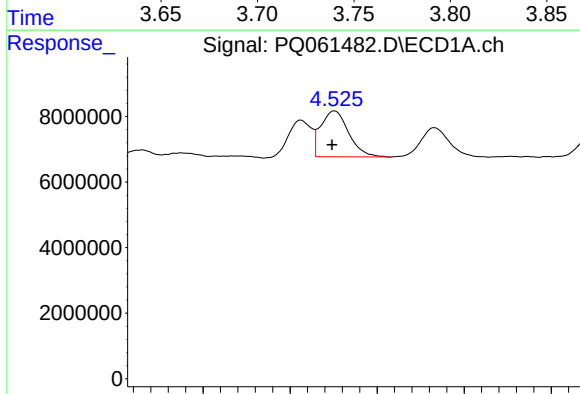
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 9793133
Conc: 63.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



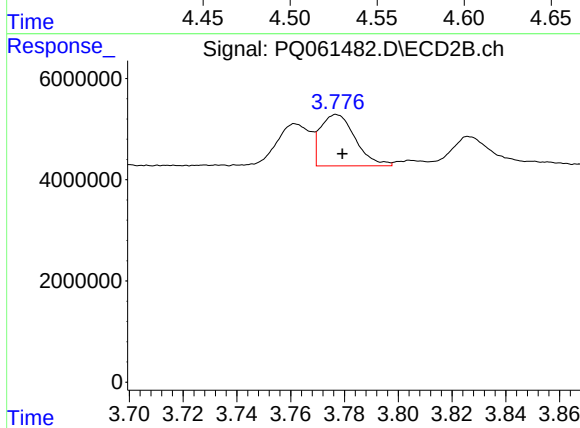
#3 AR-1016-1

R.T.: 3.762 min
Delta R.T.: -0.002 min
Response: 7459065
Conc: 72.32 ng/ml



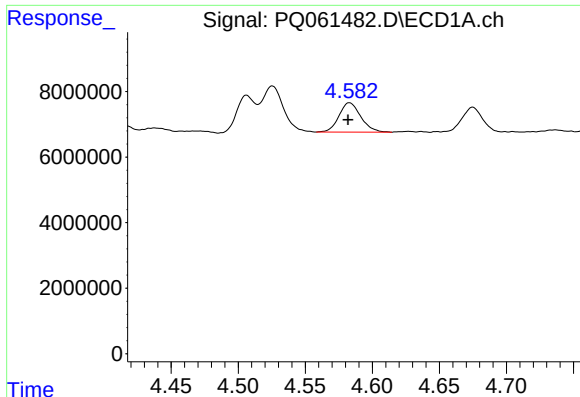
#4 AR-1016-2

R.T.: 4.526 min
Delta R.T.: 0.001 min
Response: 15582442
Conc: 68.29 ng/ml



#4 AR-1016-2

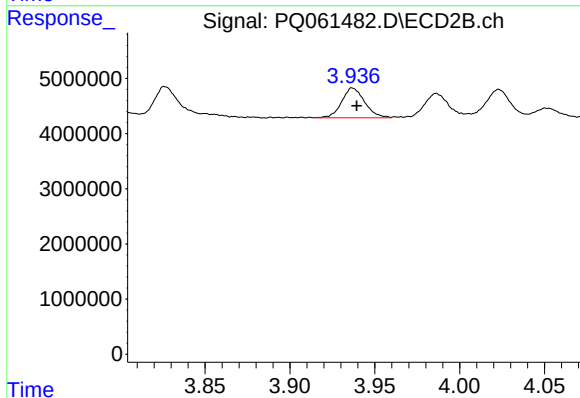
R.T.: 3.777 min
Delta R.T.: -0.002 min
Response: 9141594
Conc: 61.36 ng/ml



#5 AR-1016-3

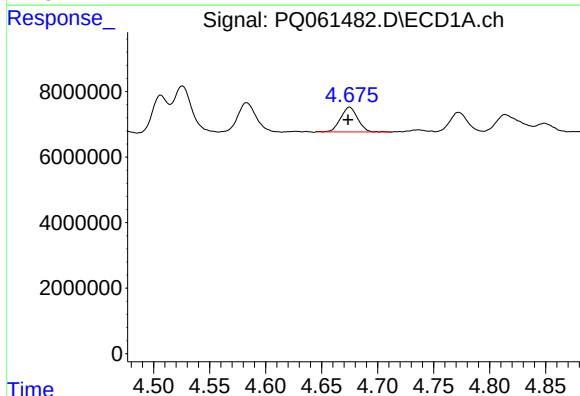
R.T.: 4.583 min
Delta R.T.: 0.001 min
Response: 10126822
Conc: 71.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



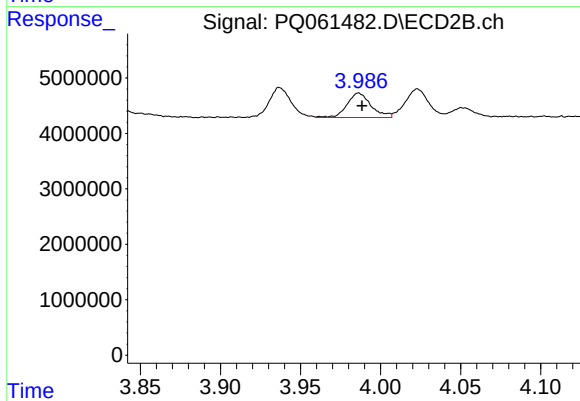
#5 AR-1016-3

R.T.: 3.937 min
Delta R.T.: -0.003 min
Response: 5087210
Conc: 64.37 ng/ml



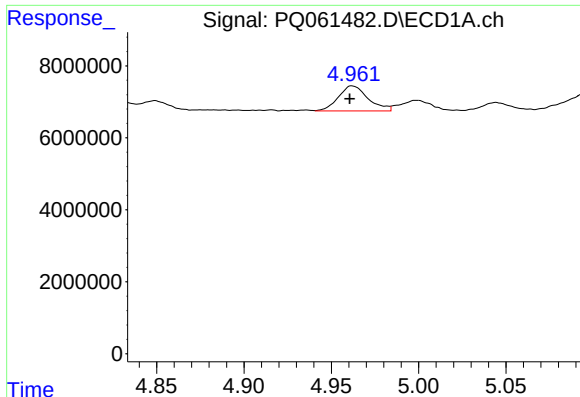
#6 AR-1016-4

R.T.: 4.675 min
Delta R.T.: 0.001 min
Response: 8080221
Conc: 70.18 ng/ml



#6 AR-1016-4

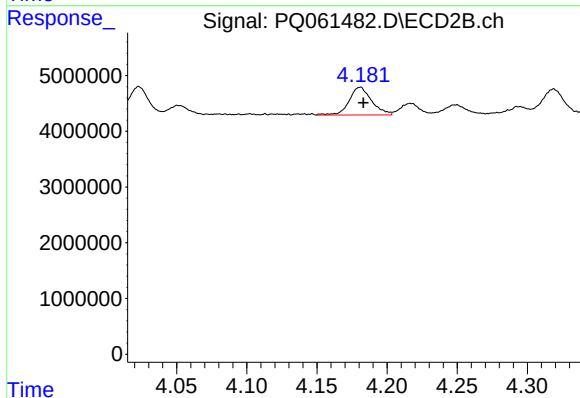
R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 4578759
Conc: 64.48 ng/ml



#7 AR-1016-5

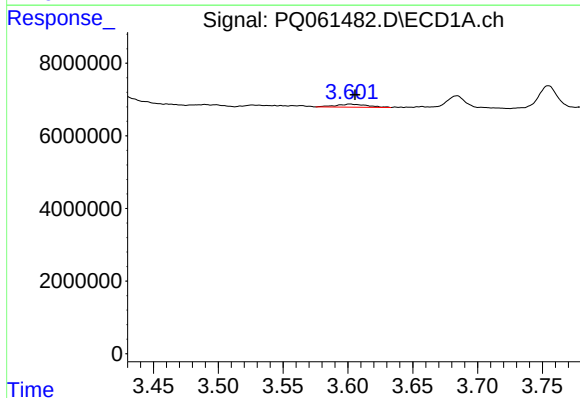
R.T.: 4.962 min
Delta R.T.: 0.002 min
Response: 8288509
Conc: 71.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



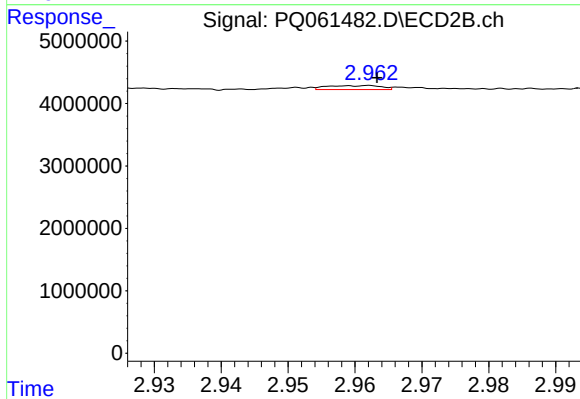
#7 AR-1016-5

R.T.: 4.181 min
Delta R.T.: -0.002 min
Response: 5589058
Conc: 65.28 ng/ml



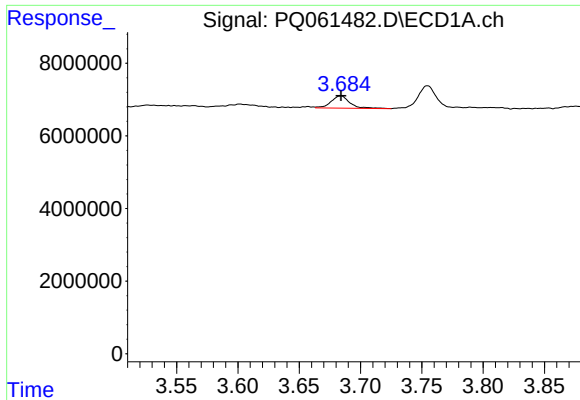
#8 AR-1221-1

R.T.: 3.602 min
Delta R.T.: -0.004 min
Response: 1433808
Conc: 25.55 ng/ml



#8 AR-1221-1

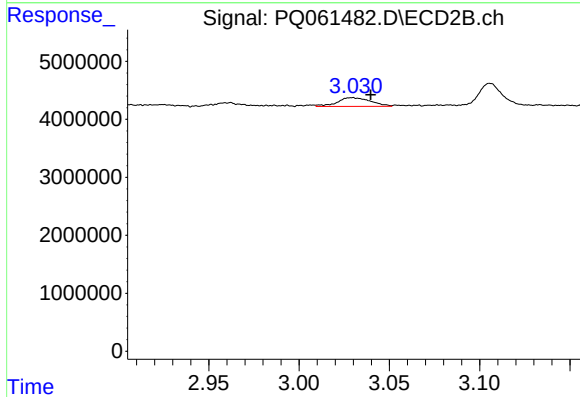
R.T.: 2.962 min
Delta R.T.: 0.000 min
Response: 365037
Conc: 10.25 ng/ml



#9 AR-1221-2

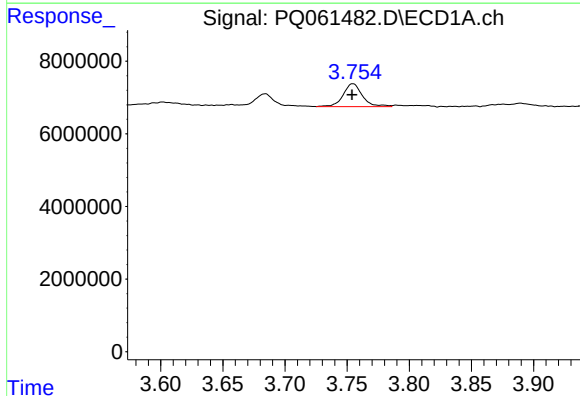
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 3589523
Conc: 85.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



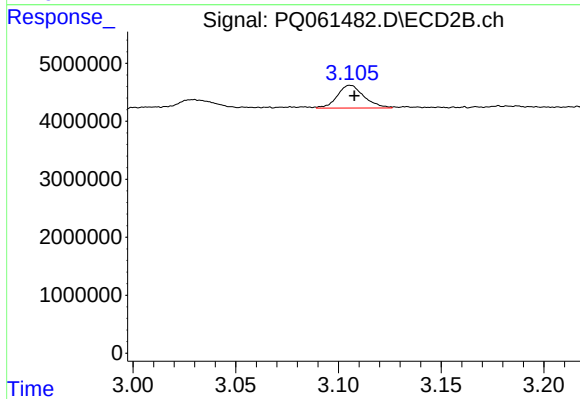
#9 AR-1221-2

R.T.: 3.030 min
Delta R.T.: -0.010 min
Response: 1923947
Conc: 69.85 ng/ml



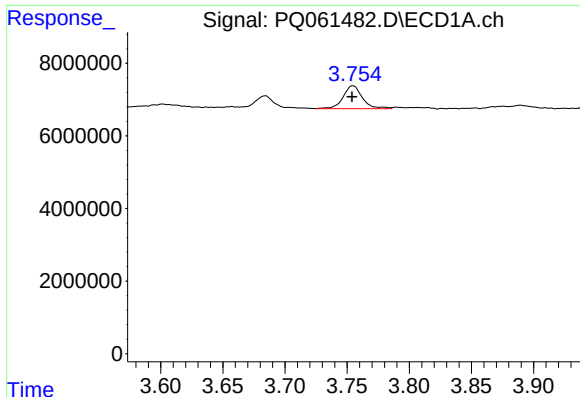
#10 AR-1221-3

R.T.: 3.755 min
Delta R.T.: 0.000 min
Response: 6772623
Conc: 51.67 ng/ml



#10 AR-1221-3

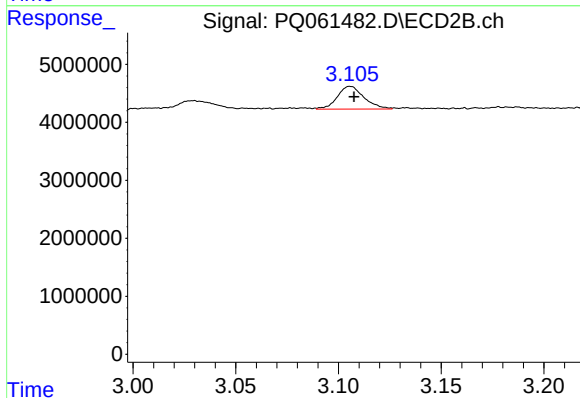
R.T.: 3.106 min
Delta R.T.: -0.002 min
Response: 3560695
Conc: 42.02 ng/ml



#11 AR-1232-1

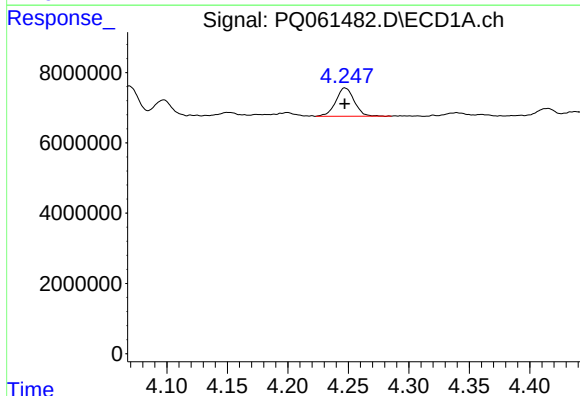
R.T.: 3.755 min
Delta R.T.: 0.000 min
Response: 6772623
Conc: 70.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



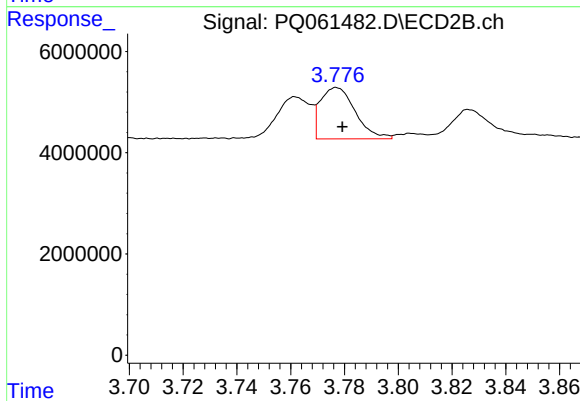
#11 AR-1232-1

R.T.: 3.106 min
Delta R.T.: -0.002 min
Response: 3560695
Conc: 57.82 ng/ml



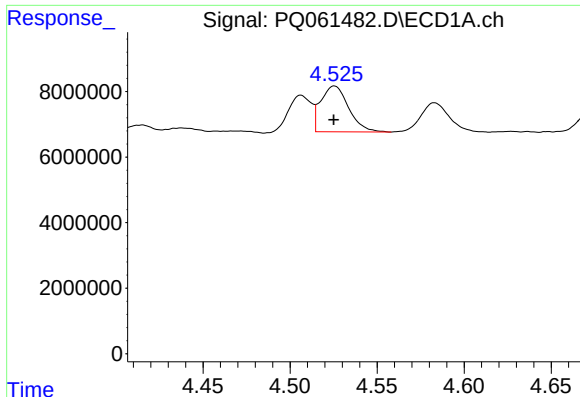
#12 AR-1232-2

R.T.: 4.247 min
Delta R.T.: 0.000 min
Response: 8556718
Conc: 155.76 ng/ml



#12 AR-1232-2

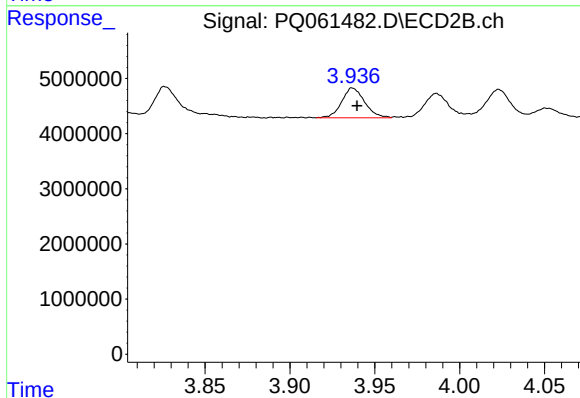
R.T.: 3.777 min
Delta R.T.: -0.002 min
Response: 9141594
Conc: 132.68 ng/ml



#13 AR-1232-3

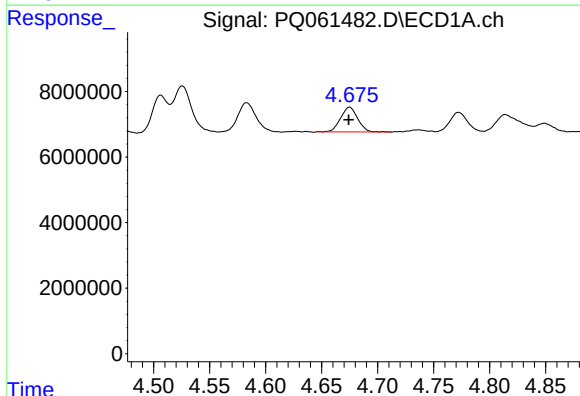
R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 15582442
Conc: 149.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



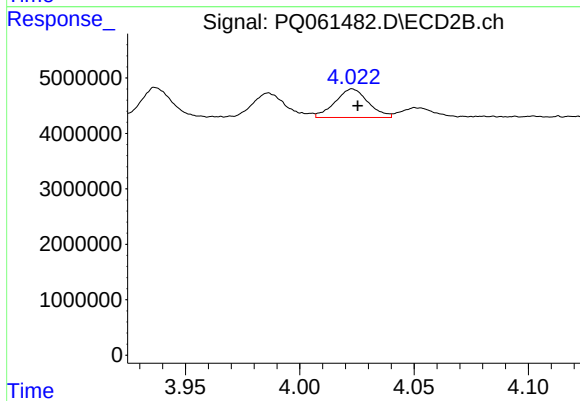
#13 AR-1232-3

R.T.: 3.937 min
Delta R.T.: -0.003 min
Response: 5087210
Conc: 140.69 ng/ml



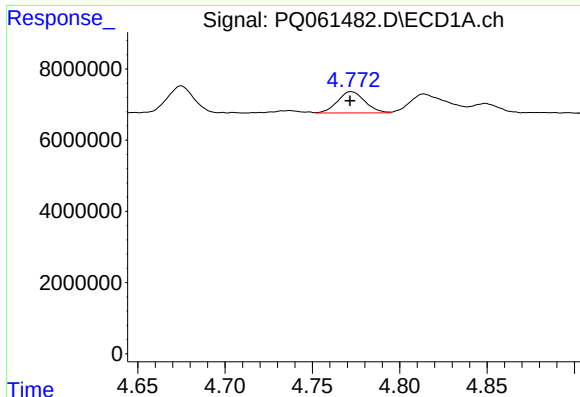
#14 AR-1232-4

R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 8080221
Conc: 152.29 ng/ml



#14 AR-1232-4

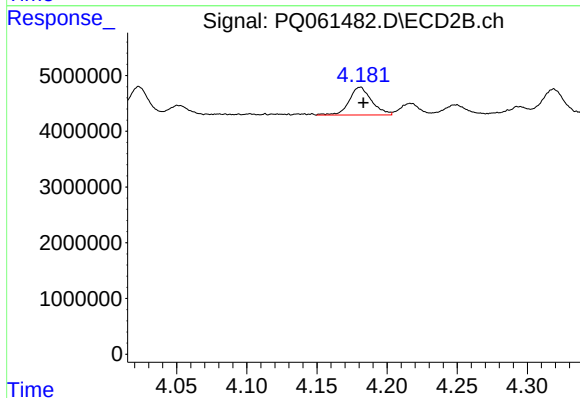
R.T.: 4.023 min
Delta R.T.: -0.002 min
Response: 5168768
Conc: 160.37 ng/ml



#15 AR-1232-5

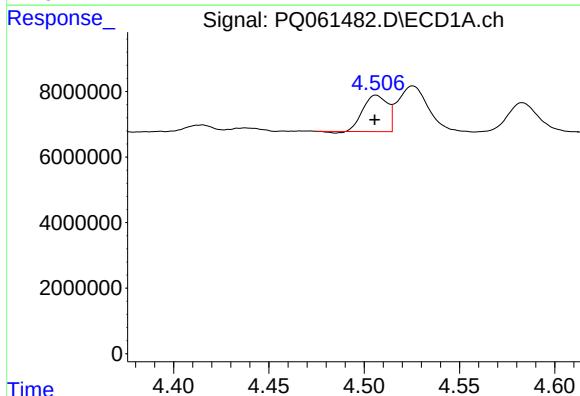
R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 6490847
Conc: 172.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



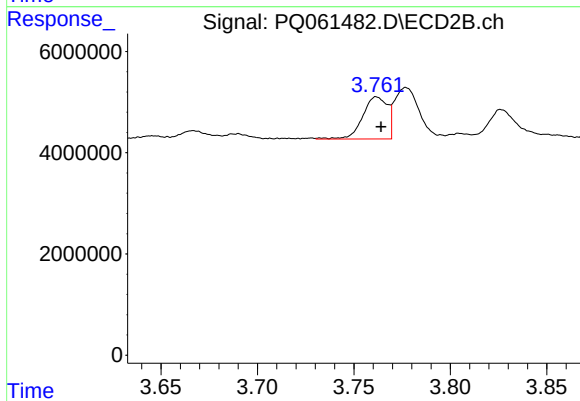
#15 AR-1232-5

R.T.: 4.181 min
Delta R.T.: -0.002 min
Response: 5589058
Conc: 145.84 ng/ml



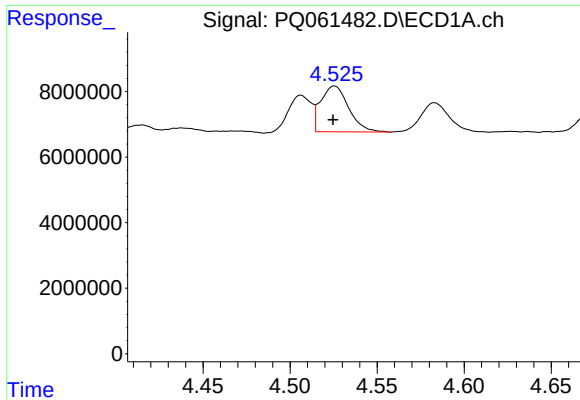
#16 AR-1242-1

R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 9793133
Conc: 86.31 ng/ml



#16 AR-1242-1

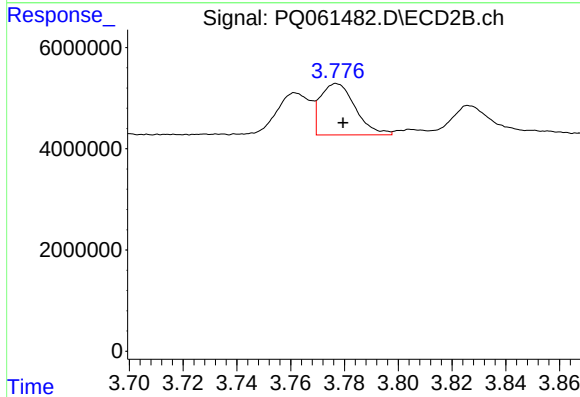
R.T.: 3.762 min
Delta R.T.: -0.002 min
Response: 7459065
Conc: 97.39 ng/ml



#17 AR-1242-2

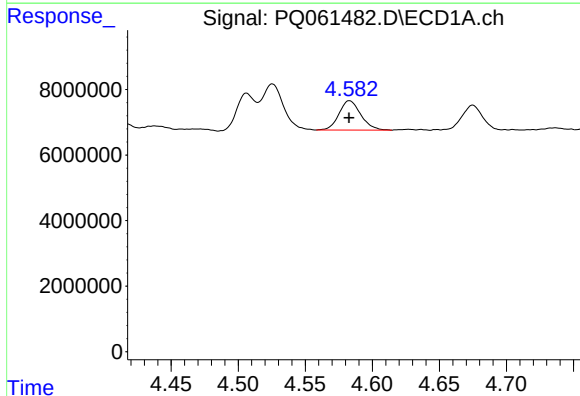
R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 15582442
Conc: 91.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



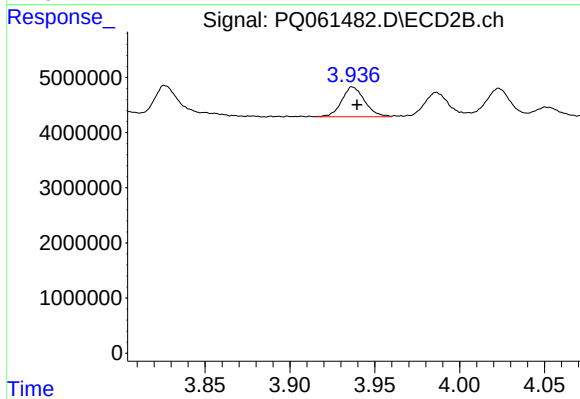
#17 AR-1242-2

R.T.: 3.777 min
Delta R.T.: -0.002 min
Response: 9141594
Conc: 82.49 ng/ml



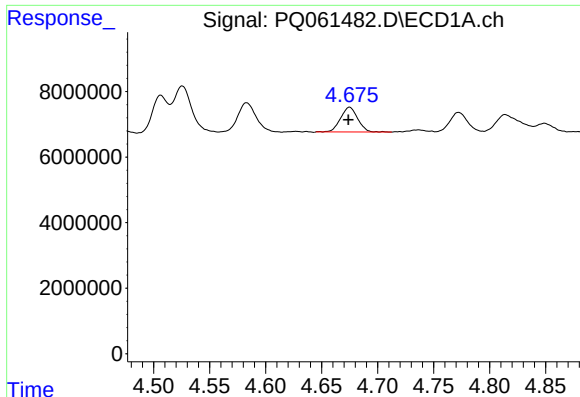
#18 AR-1242-3

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 10126822
Conc: 94.66 ng/ml



#18 AR-1242-3

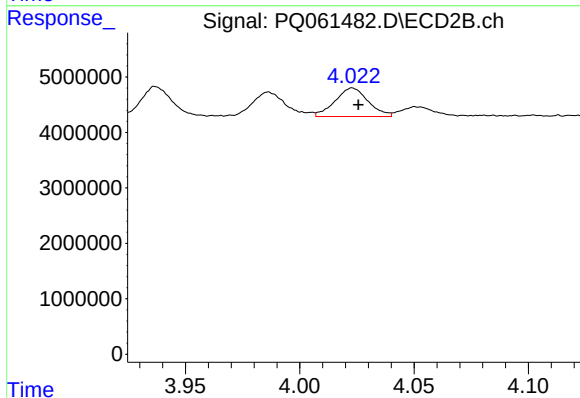
R.T.: 3.937 min
Delta R.T.: -0.003 min
Response: 5087210
Conc: 85.96 ng/ml



#19 AR-1242-4

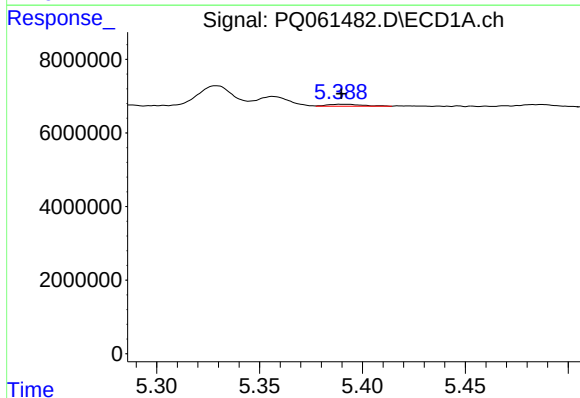
R.T.: 4.675 min
Delta R.T.: 0.001 min
Response: 8080221
Conc: 93.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



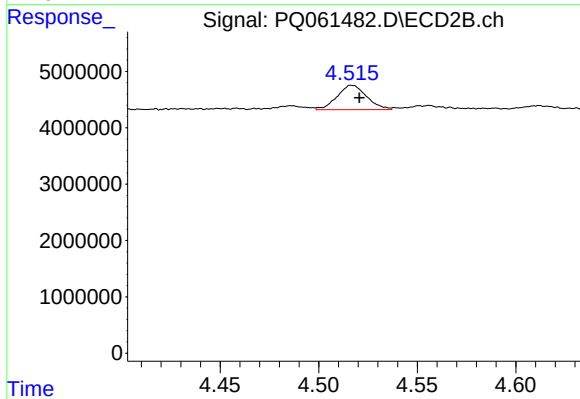
#19 AR-1242-4

R.T.: 4.023 min
Delta R.T.: -0.003 min
Response: 5168768
Conc: 86.31 ng/ml



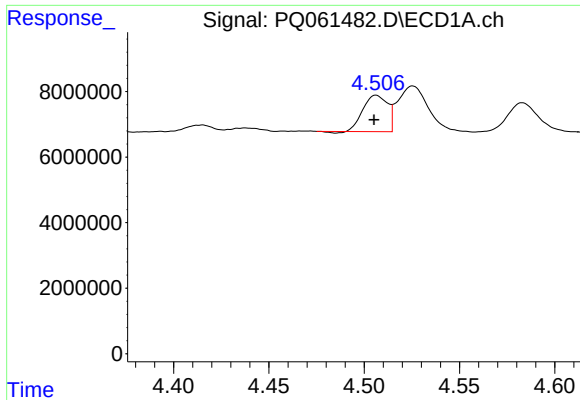
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 613799
Conc: 6.92 ng/ml



#20 AR-1242-5

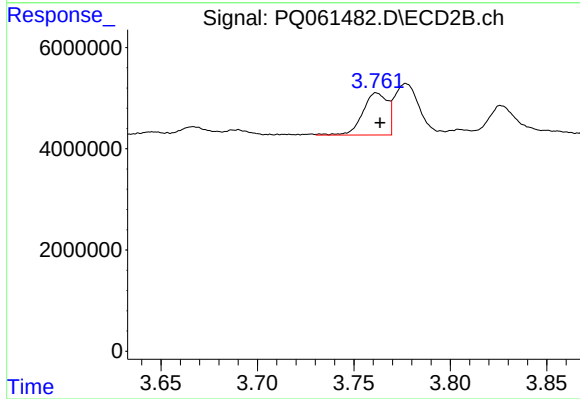
R.T.: 4.517 min
Delta R.T.: -0.004 min
Response: 4527626
Conc: 56.55 ng/ml



#21 AR-1248-1

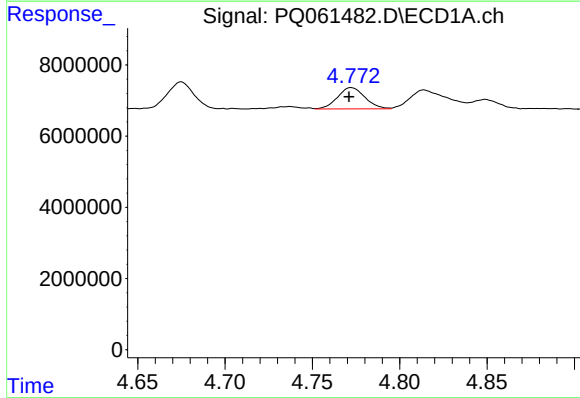
R.T.: 4.506 min
Delta R.T.: 0.001 min
Response: 9793133
Conc: 108.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



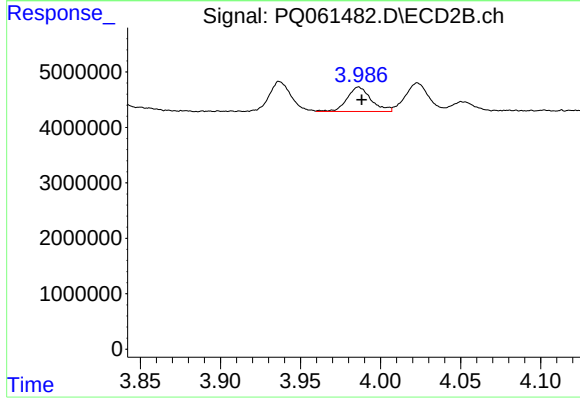
#21 AR-1248-1

R.T.: 3.762 min
Delta R.T.: -0.002 min
Response: 7459065
Conc: 119.85 ng/ml



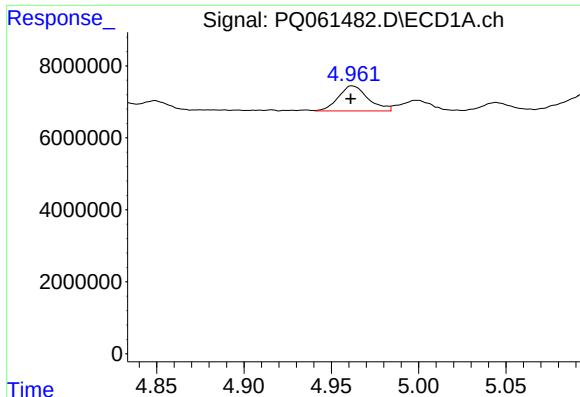
#22 AR-1248-2

R.T.: 4.772 min
Delta R.T.: 0.001 min
Response: 6490847
Conc: 51.06 ng/ml



#22 AR-1248-2

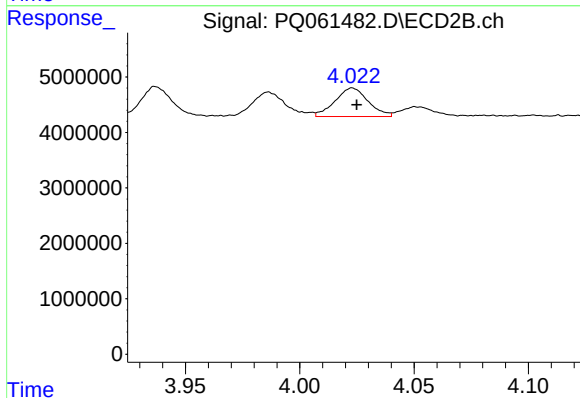
R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 4578759
Conc: 47.37 ng/ml



#23 AR-1248-3

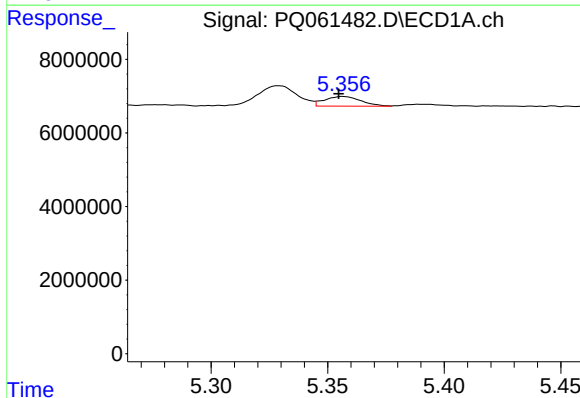
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 8288509
Conc: 53.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



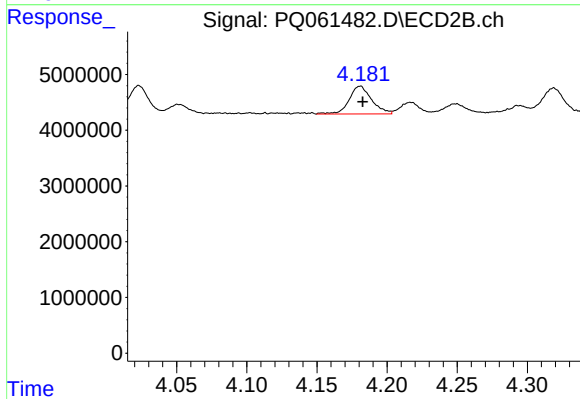
#23 AR-1248-3

R.T.: 4.023 min
Delta R.T.: -0.002 min
Response: 5168768
Conc: 56.54 ng/ml



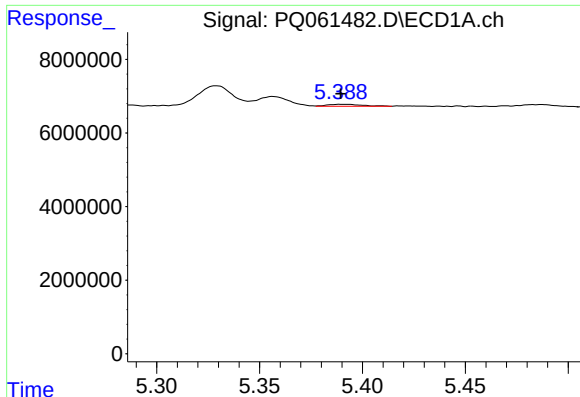
#24 AR-1248-4

R.T.: 5.357 min
Delta R.T.: 0.002 min
Response: 2864472
Conc: 16.87 ng/ml



#24 AR-1248-4

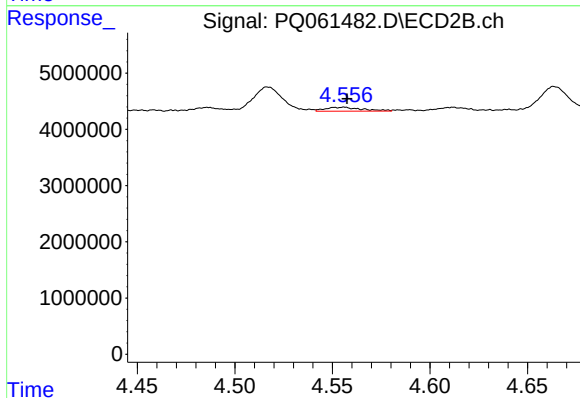
R.T.: 4.181 min
Delta R.T.: -0.002 min
Response: 5589058
Conc: 49.36 ng/ml



#25 AR-1248-5

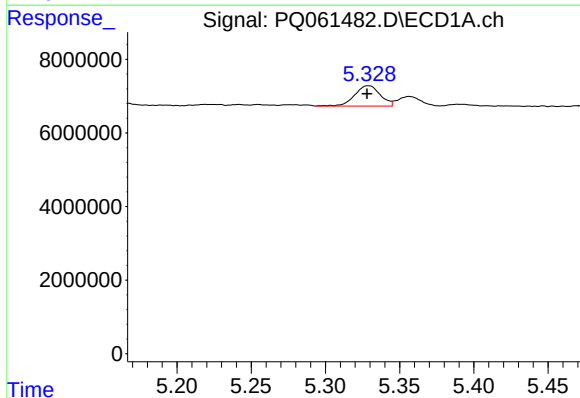
R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 613799
Conc: 3.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



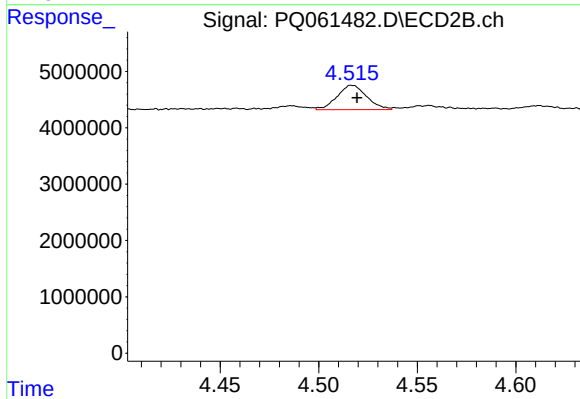
#25 AR-1248-5

R.T.: 4.556 min
Delta R.T.: -0.001 min
Response: 906128
Conc: 8.23 ng/ml



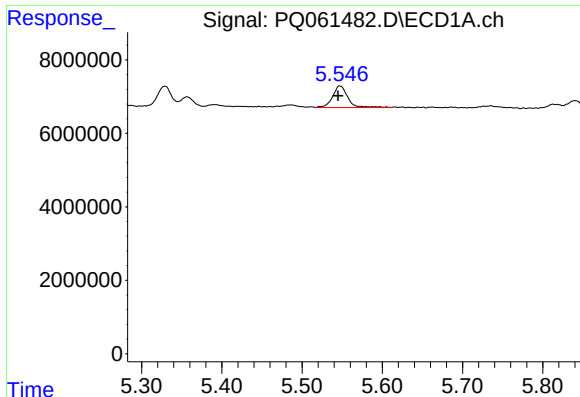
#26 AR-1254-1

R.T.: 5.329 min
Delta R.T.: 0.000 min
Response: 6626858
Conc: 38.80 ng/ml



#26 AR-1254-1

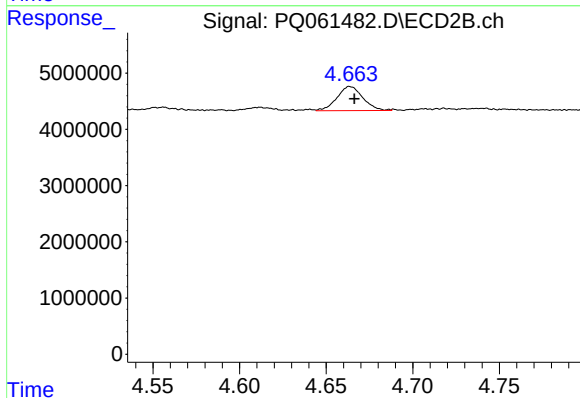
R.T.: 4.517 min
Delta R.T.: -0.003 min
Response: 4527626
Conc: 27.53 ng/ml



#27 AR-1254-2

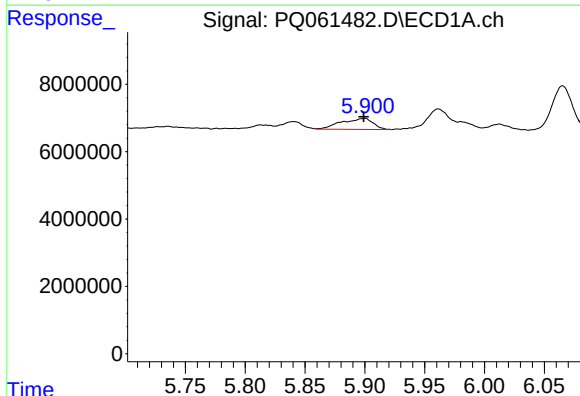
R.T.: 5.547 min
Delta R.T.: 0.002 min
Response: 7778639
Conc: 29.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



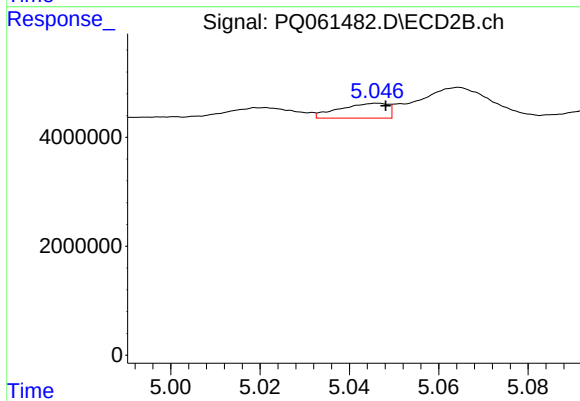
#27 AR-1254-2

R.T.: 4.664 min
Delta R.T.: -0.003 min
Response: 4464787
Conc: 29.68 ng/ml



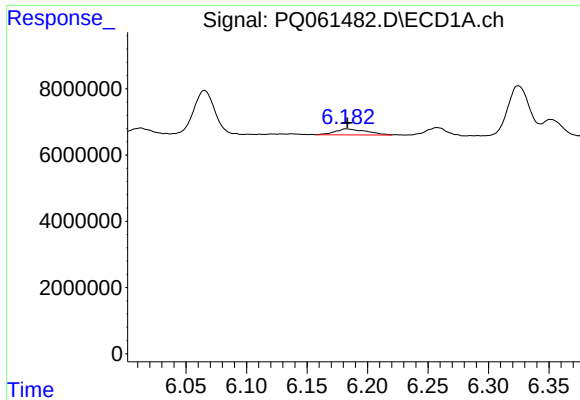
#28 AR-1254-3

R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 6004837
Conc: 21.49 ng/ml



#28 AR-1254-3

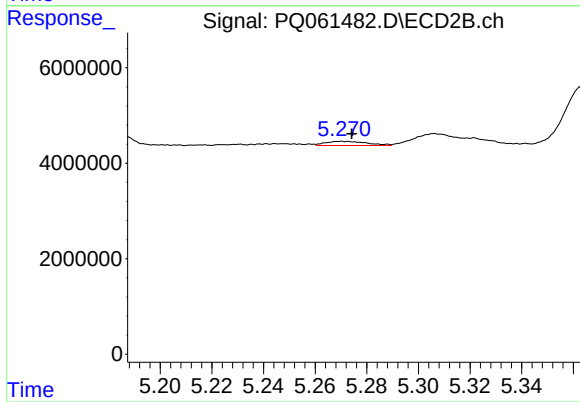
R.T.: 5.046 min
Delta R.T.: -0.002 min
Response: 2042915
Conc: 8.78 ng/ml



#29 AR-1254-4

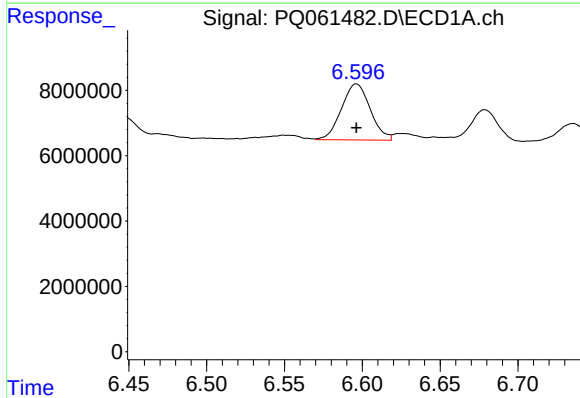
R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 3301113
Conc: 16.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



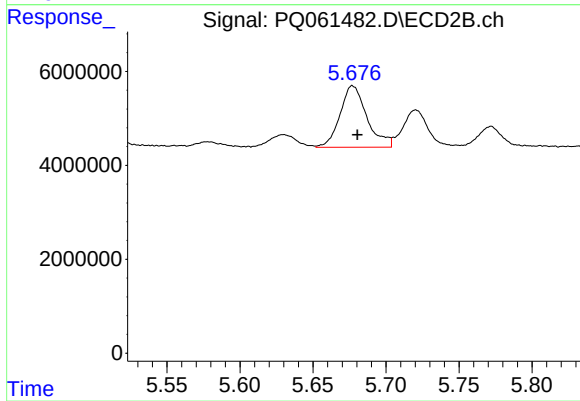
#29 AR-1254-4

R.T.: 5.270 min
Delta R.T.: -0.004 min
Response: 966945
Conc: 6.73 ng/ml



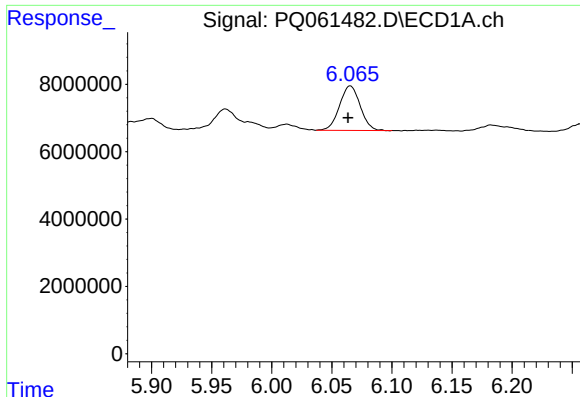
#30 AR-1254-5

R.T.: 6.596 min
Delta R.T.: 0.000 min
Response: 22068862
Conc: 93.56 ng/ml



#30 AR-1254-5

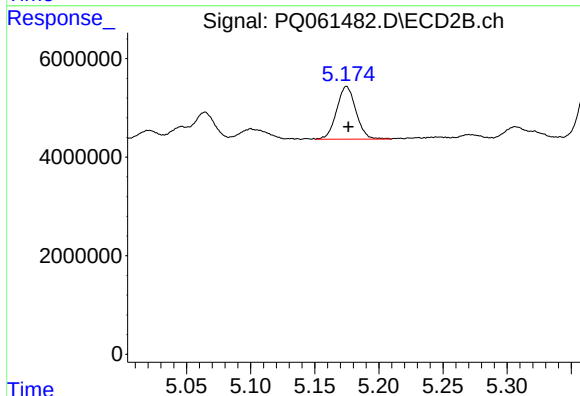
R.T.: 5.677 min
Delta R.T.: -0.003 min
Response: 16837340
Conc: 73.81 ng/ml



#31 AR-1260-1

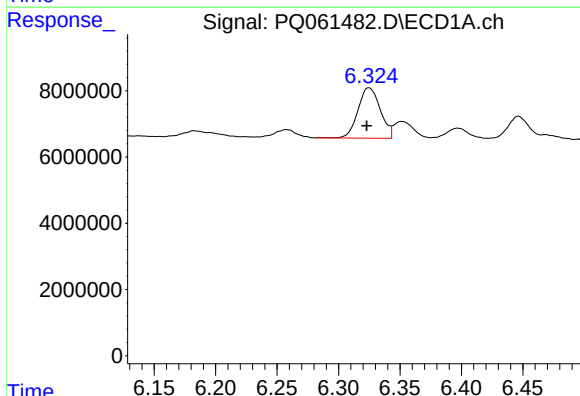
R.T.: 6.065 min
Delta R.T.: 0.002 min
Response: 15742883
Conc: 70.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



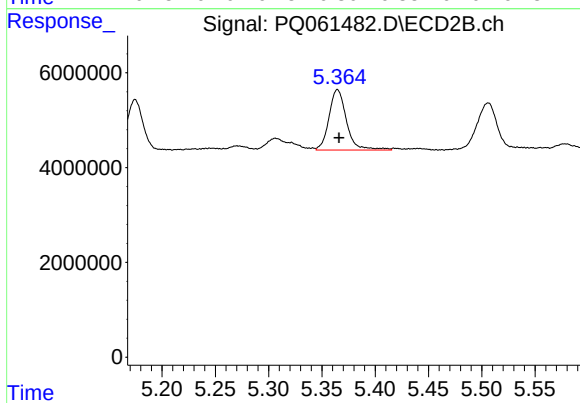
#31 AR-1260-1

R.T.: 5.175 min
Delta R.T.: -0.001 min
Response: 11239961
Conc: 65.34 ng/ml



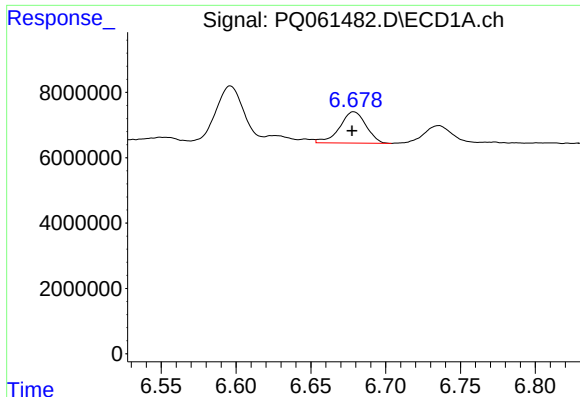
#32 AR-1260-2

R.T.: 6.325 min
Delta R.T.: 0.002 min
Response: 19339261
Conc: 72.69 ng/ml



#32 AR-1260-2

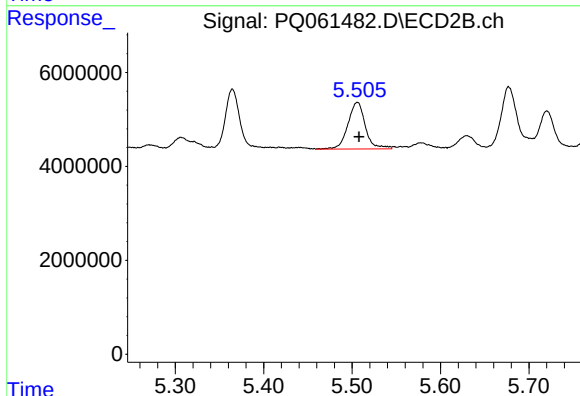
R.T.: 5.365 min
Delta R.T.: -0.001 min
Response: 14611231
Conc: 70.51 ng/ml



#33 AR-1260-3

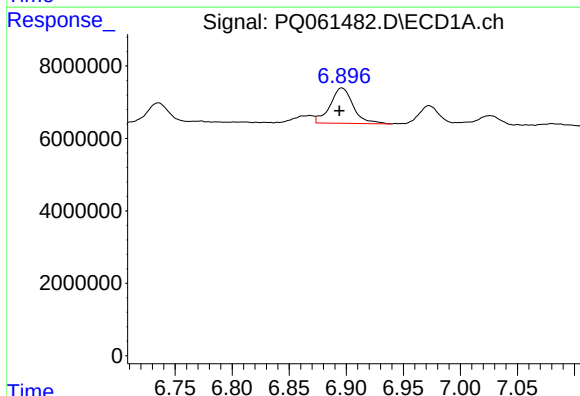
R.T.: 6.679 min
Delta R.T.: 0.001 min
Response: 11755930
Conc: 69.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



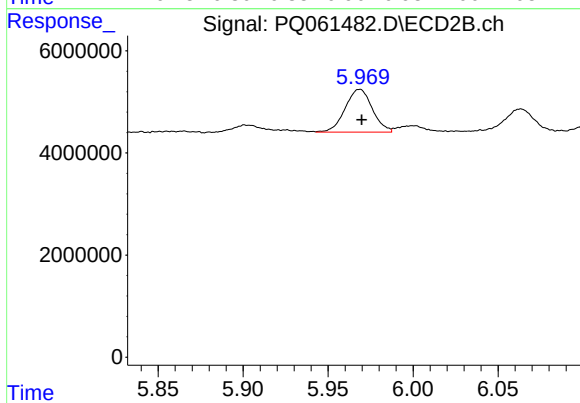
#33 AR-1260-3

R.T.: 5.506 min
Delta R.T.: -0.002 min
Response: 13567691
Conc: 68.31 ng/ml



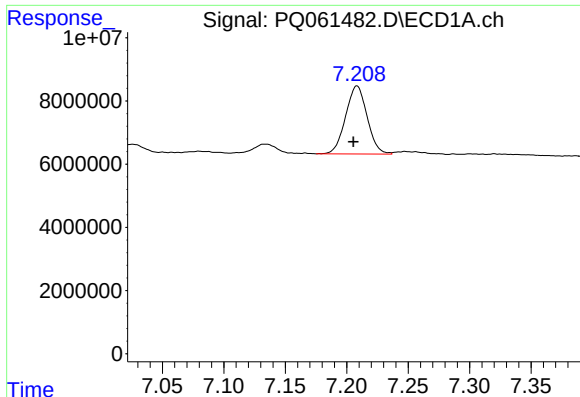
#34 AR-1260-4

R.T.: 6.896 min
Delta R.T.: 0.002 min
Response: 13791403
Conc: 68.72 ng/ml



#34 AR-1260-4

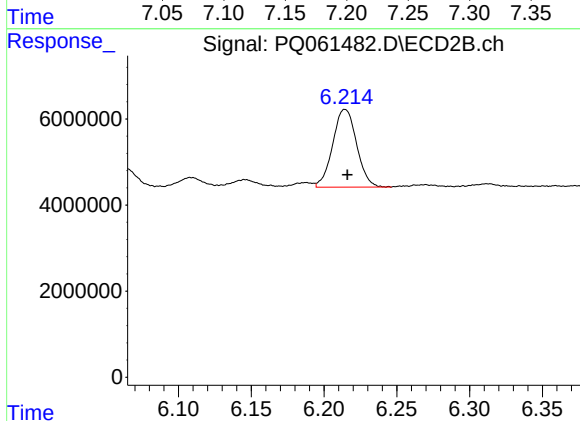
R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 9318497
Conc: 63.35 ng/ml



#35 AR-1260-5

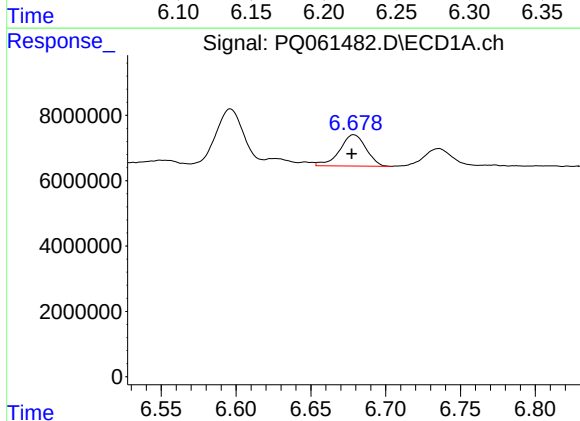
R.T.: 7.208 min
Delta R.T.: 0.003 min
Response: 26326520
Conc: 69.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



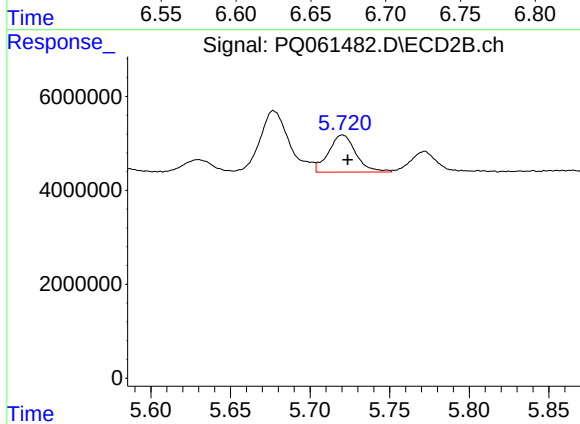
#35 AR-1260-5

R.T.: 6.214 min
Delta R.T.: -0.002 min
Response: 20676785
Conc: 63.68 ng/ml



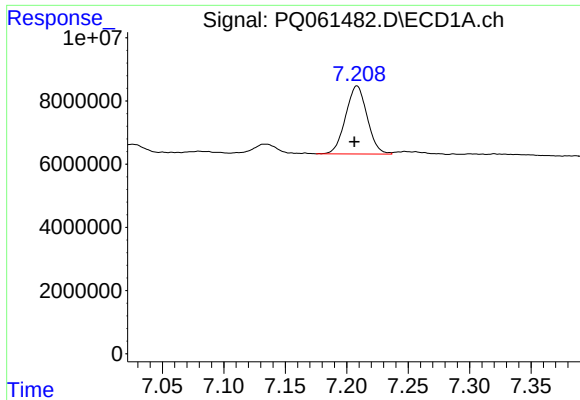
#36 AR-1262-1

R.T.: 6.679 min
Delta R.T.: 0.002 min
Response: 11755930
Conc: 39.27 ng/ml



#36 AR-1262-1

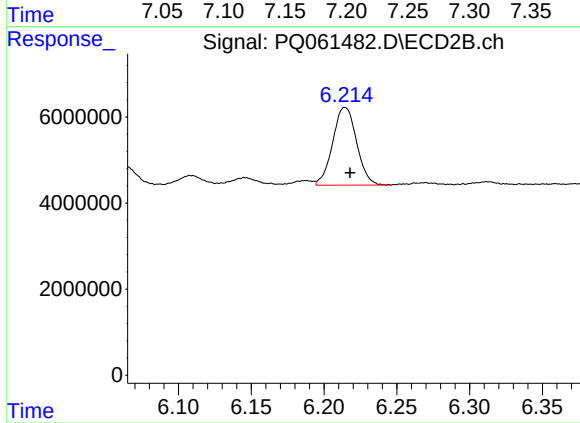
R.T.: 5.720 min
Delta R.T.: -0.003 min
Response: 9491999
Conc: 39.17 ng/ml



#37 AR-1262-2

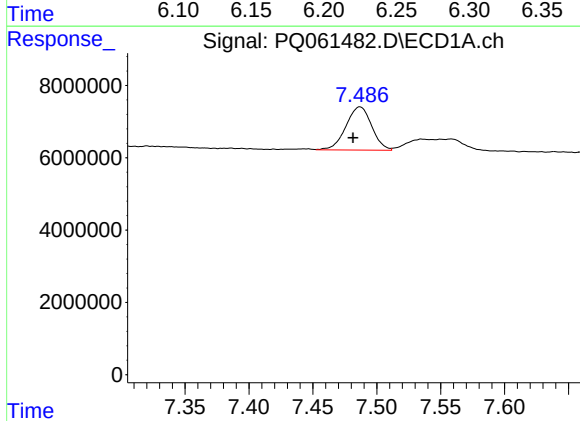
R.T.: 7.208 min
Delta R.T.: 0.002 min
Response: 26326520
Conc: 52.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



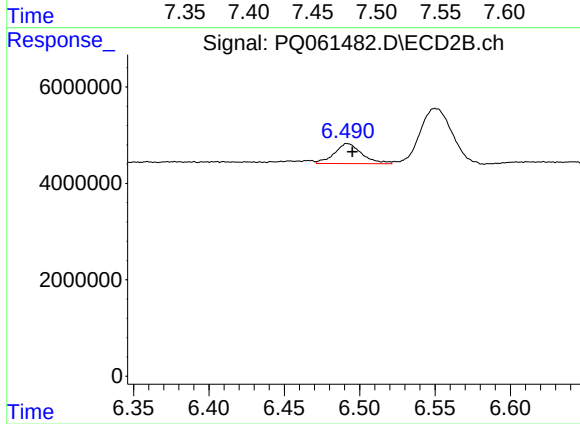
#37 AR-1262-2

R.T.: 6.214 min
Delta R.T.: -0.003 min
Response: 20676785
Conc: 47.31 ng/ml



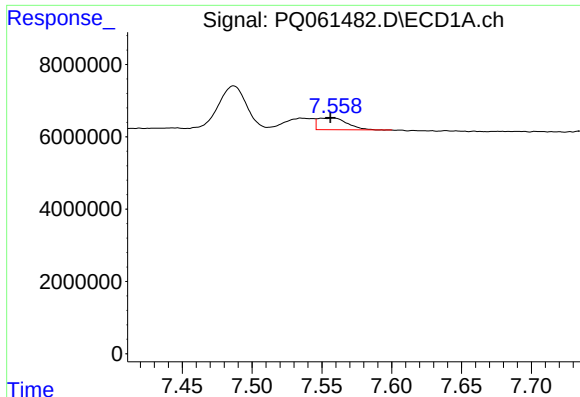
#38 AR-1262-3

R.T.: 7.487 min
Delta R.T.: 0.005 min
Response: 16786401
Conc: 49.67 ng/ml



#38 AR-1262-3

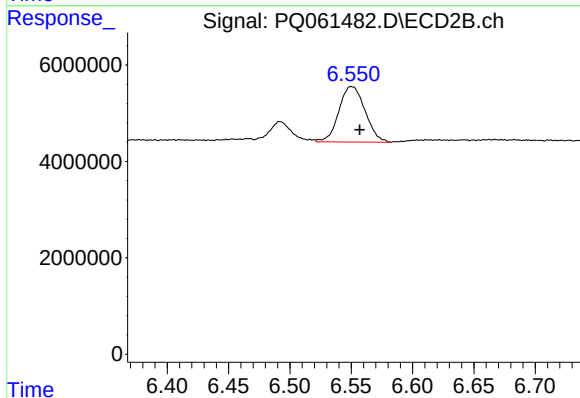
R.T.: 6.492 min
Delta R.T.: -0.004 min
Response: 5282946
Conc: 29.31 ng/ml



#39 AR-1262-4

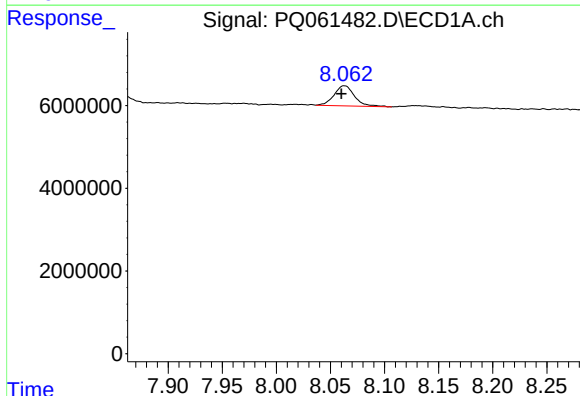
R.T.: 7.558 min
Delta R.T.: 0.002 min
Response: 4677280
Conc: 18.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



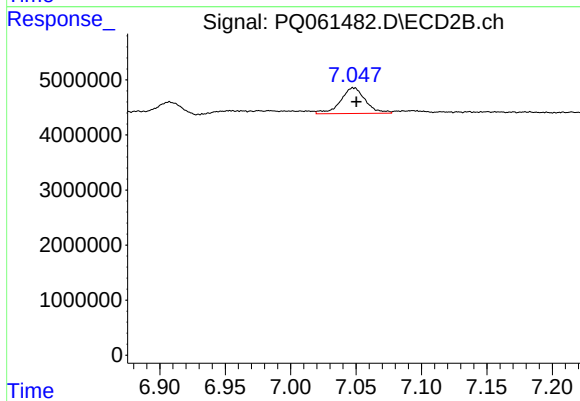
#39 AR-1262-4

R.T.: 6.550 min
Delta R.T.: -0.007 min
Response: 17135057
Conc: 51.67 ng/ml



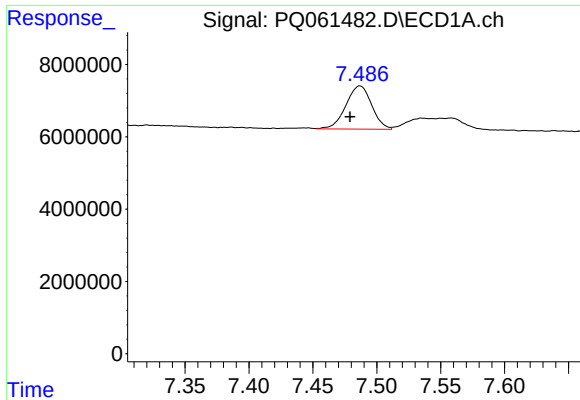
#40 AR-1262-5

R.T.: 8.063 min
Delta R.T.: 0.003 min
Response: 6380209
Conc: 37.46 ng/ml



#40 AR-1262-5

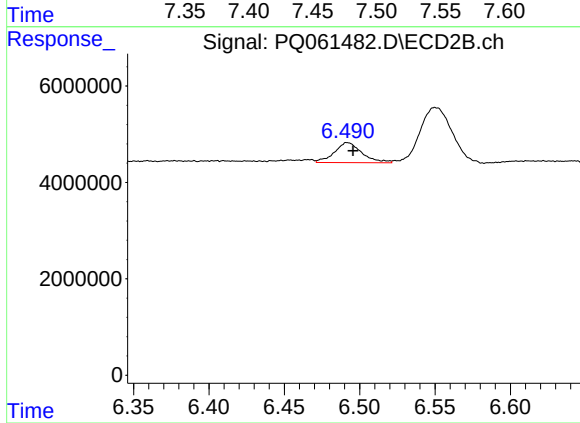
R.T.: 7.048 min
Delta R.T.: -0.003 min
Response: 6193295
Conc: 38.61 ng/ml



#41 AR-1268-1

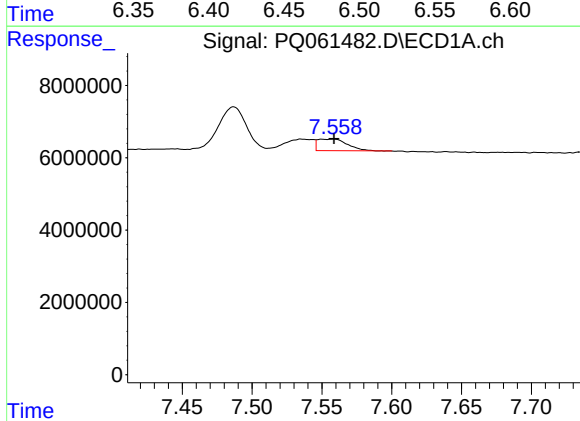
R.T.: 7.487 min
Delta R.T.: 0.008 min
Response: 16786401
Conc: 30.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



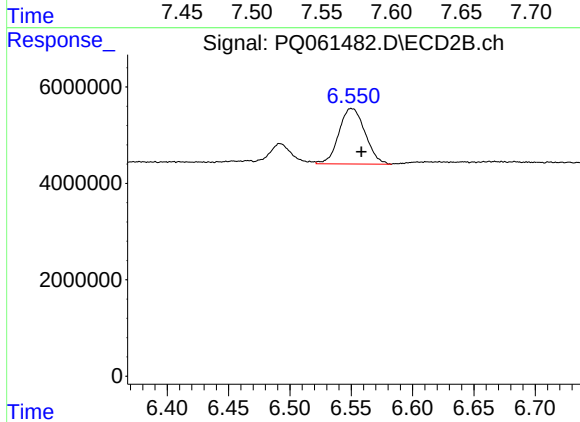
#41 AR-1268-1

R.T.: 6.492 min
Delta R.T.: -0.004 min
Response: 5282946
Conc: 10.75 ng/ml



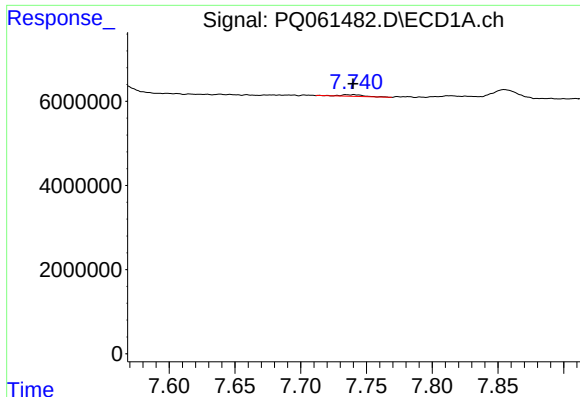
#42 AR-1268-2

R.T.: 7.558 min
Delta R.T.: 0.000 min
Response: 4677280
Conc: 9.49 ng/ml



#42 AR-1268-2

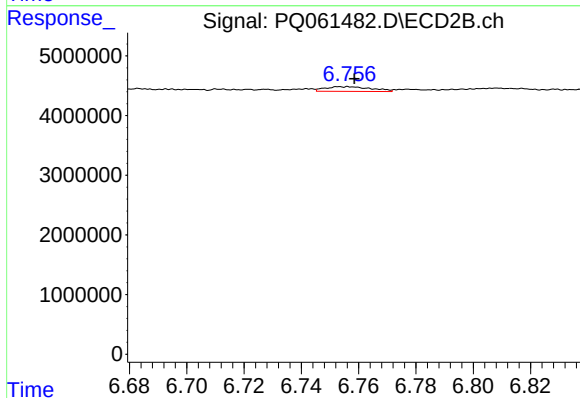
R.T.: 6.550 min
Delta R.T.: -0.008 min
Response: 17135057
Conc: 38.52 ng/ml



#43 AR-1268-3

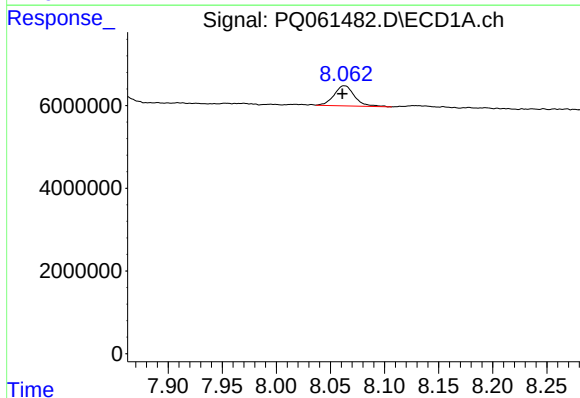
R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 446745
Conc: 1.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



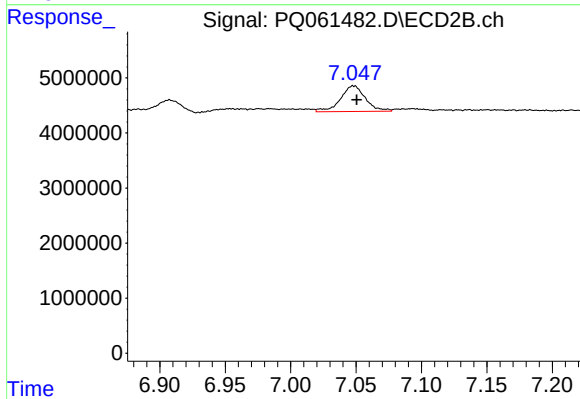
#43 AR-1268-3

R.T.: 6.753 min
Delta R.T.: -0.005 min
Response: 871466
Conc: 2.23 ng/ml



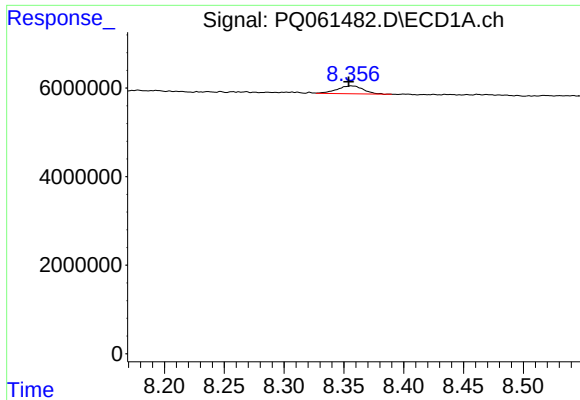
#44 AR-1268-4

R.T.: 8.063 min
Delta R.T.: 0.002 min
Response: 6380209
Conc: 36.04 ng/ml



#44 AR-1268-4

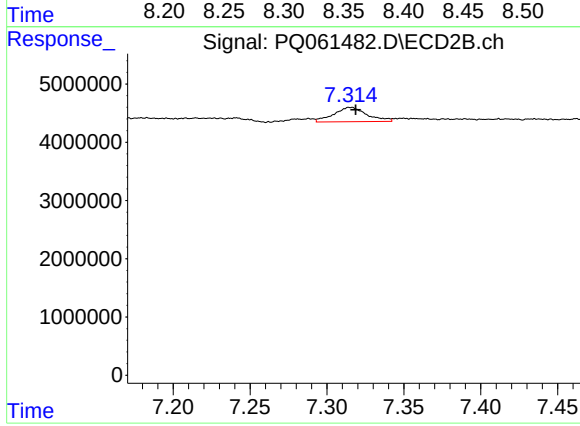
R.T.: 7.048 min
Delta R.T.: -0.003 min
Response: 6193295
Conc: 36.89 ng/ml



#45 AR-1268-5

R.T.: 8.356 min
Delta R.T.: 0.002 min
Response: 2693214
Conc: 2.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.315 min
Delta R.T.: -0.004 min
Response: 3704265
Conc: 2.99 ng/ml