

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070218\
 Data File : PQ030280.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jun 2018 18:43
 Operator : UA/SM
 Sample : PB110715BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 05:37:29 2018
 Quant Method : \\TERASTORAGE\Terastorage\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ062918.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 29 01:53:51 2018
 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...	4.434	3.700	792.1E6	281.1E6	18.870	20.423
2)	SA Decachlor...	10.112	8.671	527.7E6	308.4E6	14.936	15.106
Target Compounds							
3)	L1 AR-1016-1	4.805	4.558	45211434	20429354	64.724	53.970
4)	L1 AR-1016-2	5.331	4.969	49066866	19353126	52.146	50.057
5)	L1 AR-1016-3	5.681	5.009	67729703	16653957	51.547	54.700
6)	L1 AR-1016-4	5.779	5.051	59763990	22048420	54.197	53.966
7)	L1 AR-1016-5	6.209	5.221	43608367	20122773	39.654	48.372
8)	L2 AR-1221-1	4.641	0.000	21429938	0	38.182	N.D. #
9)	L2 AR-1221-2	4.734	3.998	46546949	7977339	124.641	65.247 #
10)	L2 AR-1221-3	4.805	4.073	45211434	14398991	40.388	37.224
11)	L3 AR-1232-1	4.805	4.073	45211434	14398991	61.388	58.938
12)	L3 AR-1232-2	5.331	4.850	49066866	31638351	130.265	146.932
13)	L3 AR-1232-3	5.681	4.969	67729703	19353126	118.511	137.713
14)	L3 AR-1232-4	5.779	5.221	59763990	20122773	131.582	161.722
15)	L3 AR-1232-5	6.070	5.570	53707609	16409082	138.881	85.278 #
16)	L4 AR-1242-1	5.331	4.558	49066866	20429354	64.326	71.531
17)	L4 AR-1242-2	5.597	4.795	77745702	42838790	67.100	70.618
18)	L4 AR-1242-3	5.681	4.969	67729703	19353126	65.448	64.751
19)	L4 AR-1242-4	6.070	5.051	53707609	22048420	62.921	71.053
20)	L4 AR-1242-5	6.209	5.221	43608367	20122773	46.858	62.142 #
21)	L5 AR-1248-1	6.070	5.009	53707609	16653957	35.643	41.439
22)	L5 AR-1248-2	6.209	5.051	43608367	22048420	34.612	49.700 #
23)	L5 AR-1248-3	6.442	5.221	41146591	20122773	20.307	40.504 #
24)	L5 AR-1248-4	6.442	5.570	41146591	16409082	25.498	19.626
25)	L5 AR-1248-5	6.657	5.570	42627580	16409082	25.260	19.626
26)	L6 AR-1254-1	6.442	5.570	41146591	16409082	18.857	18.339
27)	L6 AR-1254-2	6.657	5.715	42627580	17729083	16.471	23.630 #
28)	L6 AR-1254-3	7.023	6.130	25860530	44334674	9.205	34.874 #
29)	L6 AR-1254-4	7.305	6.341	15476945	8465472	7.772	9.655
30)	L6 AR-1254-5	7.719	6.584	155.3E6	53068649	62.654	100.300 #
31)	L7 AR-1260-1	7.184	6.245	101.0E6	62647382	50.340	62.975 #
32)	L7 AR-1260-2	7.437	6.584	121.2E6	53068649	51.060	46.259
33)	L7 AR-1260-3	7.719	7.052	155.3E6	35778532	55.069	38.369 #
34)	L7 AR-1260-4	8.018	7.290	112.5E6	114.6E6	56.206	47.160
35)	L7 AR-1260-5	8.334	7.636	183.8E6	77563438	46.119	44.289
36)	L8 AR-1262-1	7.184	6.245	101.0E6	62647382	70.807	81.954
37)	L8 AR-1262-2	7.437	6.430	121.2E6	63932724	66.033	63.118
38)	L8 AR-1262-3	7.793	6.793	69154228	44015547	30.109	34.951
39)	L8 AR-1262-4	8.018	7.052	112.5E6	35778532	51.040	33.117 #
40)	L8 AR-1262-5	8.334	7.290	183.8E6	114.6E6	36.736	47.323 #
41)	L9 AR-1268-1	8.658	7.574	137.6E6	15927035	32.476	6.666 #

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 ALS Vial : 16 Sample Multiplier: 1

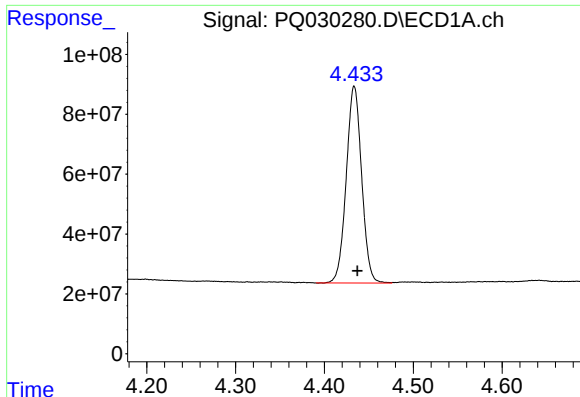
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 05:37:29 2018
 Quant Method : \\TERASTORAGE\Terastorage\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ062918.M
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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
42) L9	AR-1268-2	8.713	7.636	68144791	77563438	17.631	32.135 #
44) L9	AR-1268-4	9.377	8.128	44593687	24327695	28.846	29.023
45) L9	AR-1268-5	9.782	8.417	29149562	9914908	2.775	1.560 #

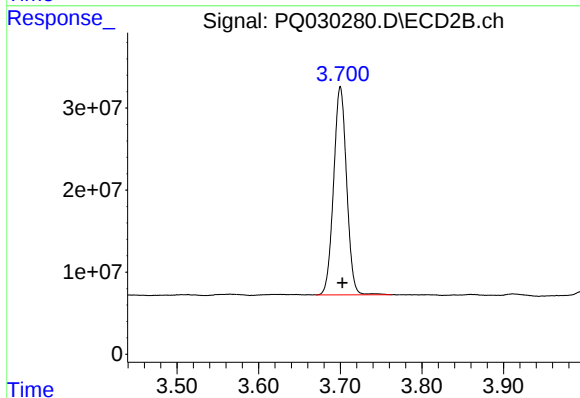
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

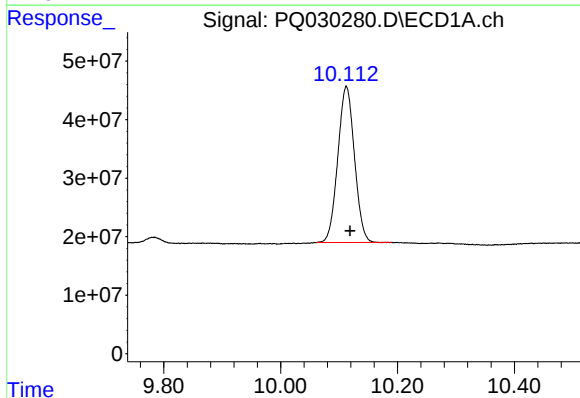
R.T.: 4.434 min
Delta R.T.: -0.003 min
Response: 792052549
Conc: 18.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



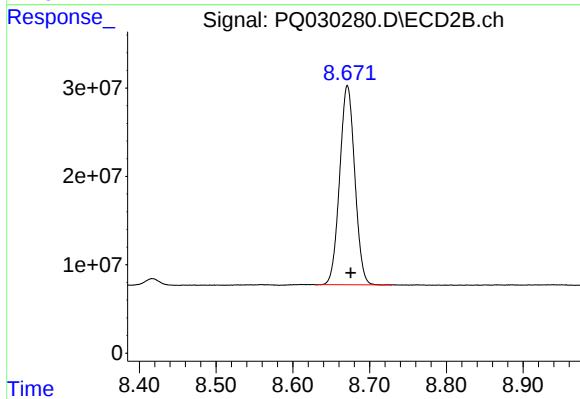
#1 Tetrachloro-m-xylene

R.T.: 3.700 min
Delta R.T.: -0.003 min
Response: 281063519
Conc: 20.42 ng/ml



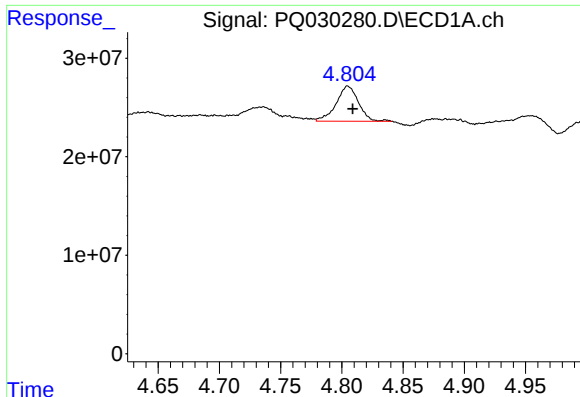
#2 Decachlorobiphenyl

R.T.: 10.112 min
Delta R.T.: -0.007 min
Response: 527734476
Conc: 14.94 ng/ml



#2 Decachlorobiphenyl

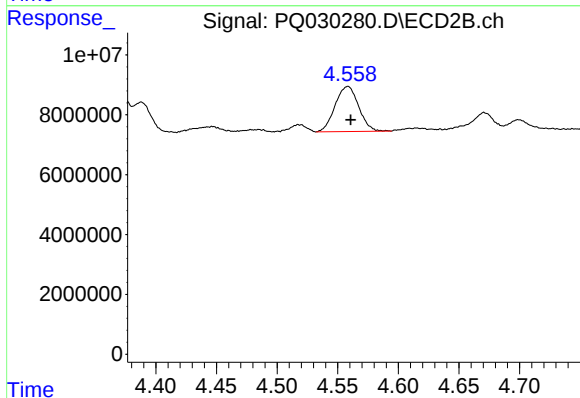
R.T.: 8.671 min
Delta R.T.: -0.004 min
Response: 308411460
Conc: 15.11 ng/ml



#3 AR-1016-1

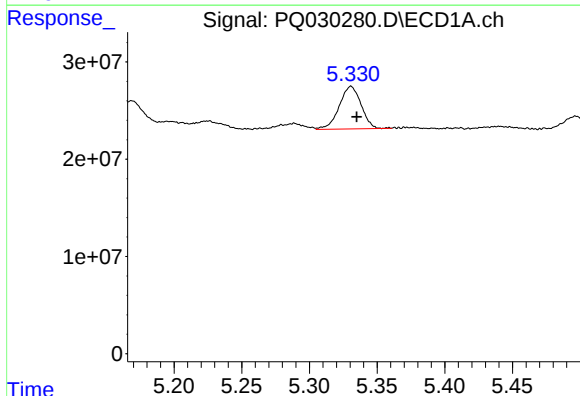
R.T.: 4.805 min
Delta R.T.: -0.004 min
Response: 45211434
Conc: 64.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



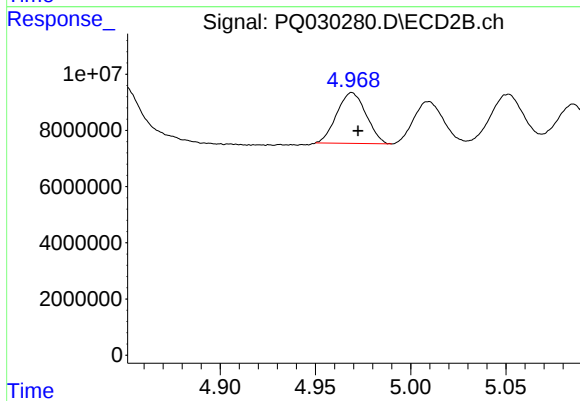
#3 AR-1016-1

R.T.: 4.558 min
Delta R.T.: -0.002 min
Response: 20429354
Conc: 53.97 ng/ml



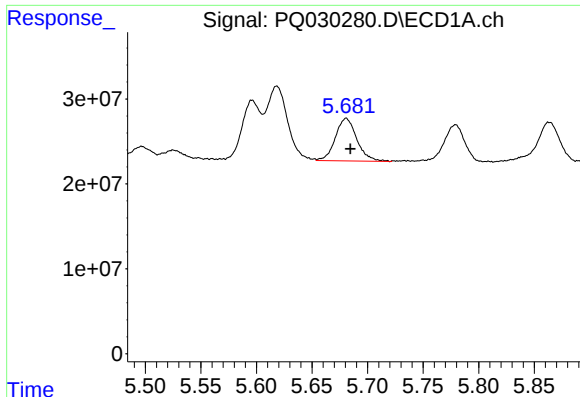
#4 AR-1016-2

R.T.: 5.331 min
Delta R.T.: -0.004 min
Response: 49066866
Conc: 52.15 ng/ml



#4 AR-1016-2

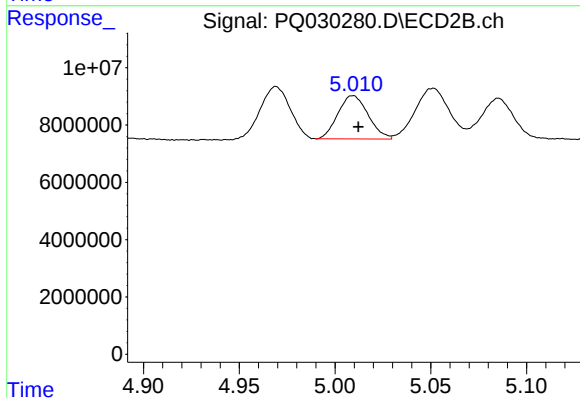
R.T.: 4.969 min
Delta R.T.: -0.003 min
Response: 19353126
Conc: 50.06 ng/ml



#5 AR-1016-3

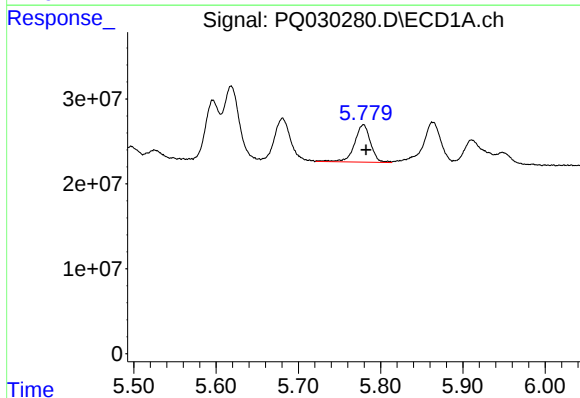
R.T.: 5.681 min
Delta R.T.: -0.004 min
Response: 67729703
Conc: 51.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



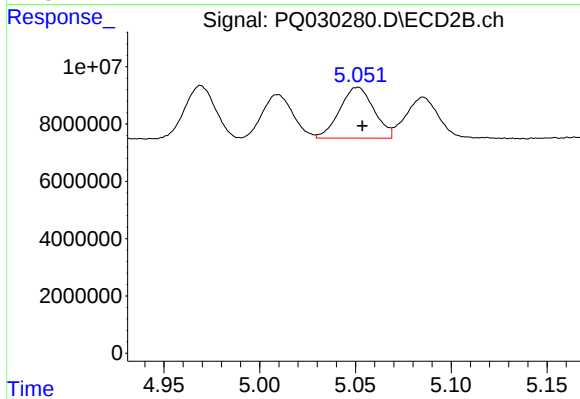
#5 AR-1016-3

R.T.: 5.009 min
Delta R.T.: -0.003 min
Response: 16653957
Conc: 54.70 ng/ml



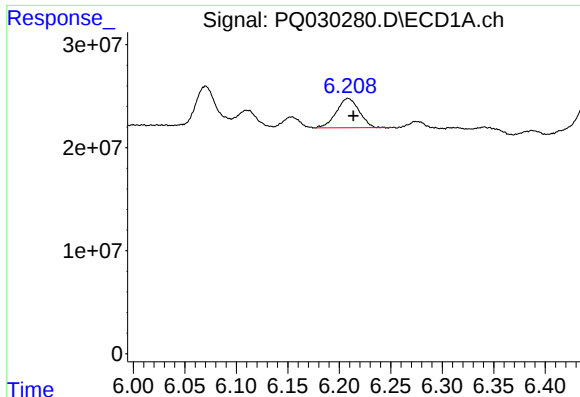
#6 AR-1016-4

R.T.: 5.779 min
Delta R.T.: -0.004 min
Response: 59763990
Conc: 54.20 ng/ml



#6 AR-1016-4

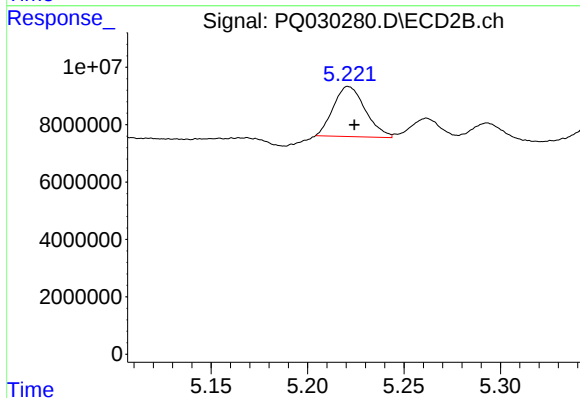
R.T.: 5.051 min
Delta R.T.: -0.003 min
Response: 22048420
Conc: 53.97 ng/ml



#7 AR-1016-5

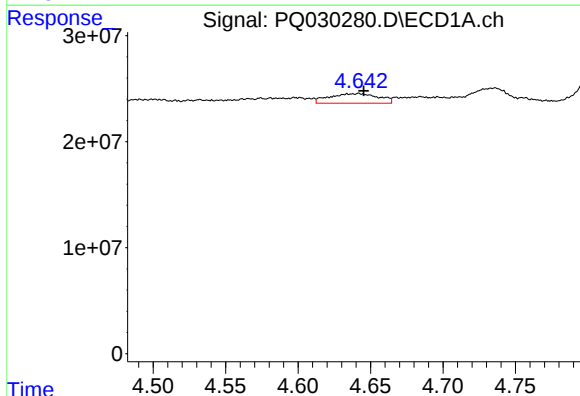
R.T.: 6.209 min
Delta R.T.: -0.005 min
Response: 43608367
Conc: 39.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



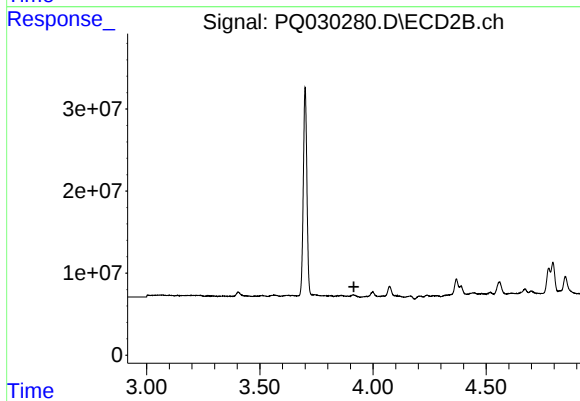
#7 AR-1016-5

R.T.: 5.221 min
Delta R.T.: -0.003 min
Response: 20122773
Conc: 48.37 ng/ml



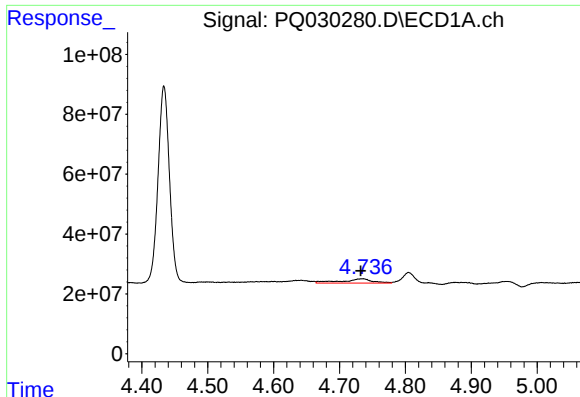
#8 AR-1221-1

R.T.: 4.641 min
Delta R.T.: -0.004 min
Response: 21429938
Conc: 38.18 ng/ml



#8 AR-1221-1

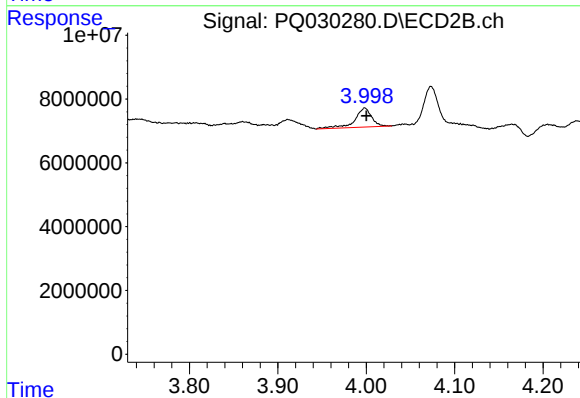
R.T.: 0.000 min
Exp R.T. : 3.916 min
Response: 0
Conc: N.D.



#9 AR-1221-2

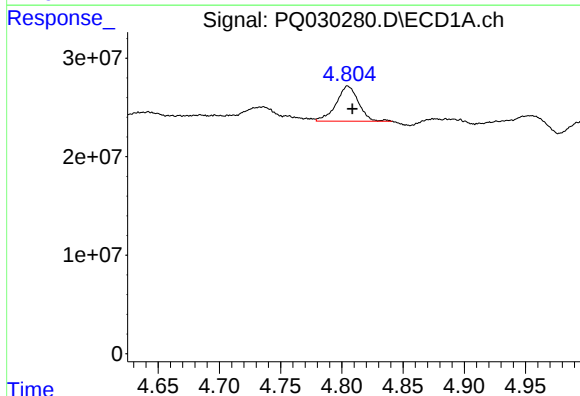
R.T.: 4.734 min
Delta R.T.: 0.002 min
Response: 46546949
Conc: 124.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



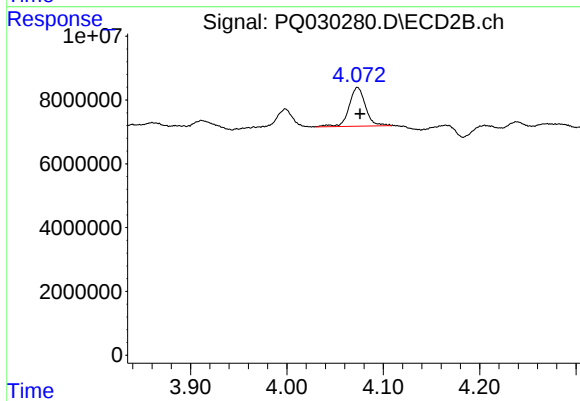
#9 AR-1221-2

R.T.: 3.998 min
Delta R.T.: -0.002 min
Response: 7977339
Conc: 65.25 ng/ml



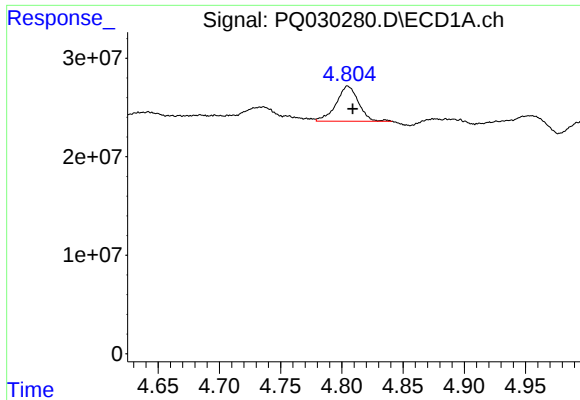
#10 AR-1221-3

R.T.: 4.805 min
Delta R.T.: -0.004 min
Response: 45211434
Conc: 40.39 ng/ml



#10 AR-1221-3

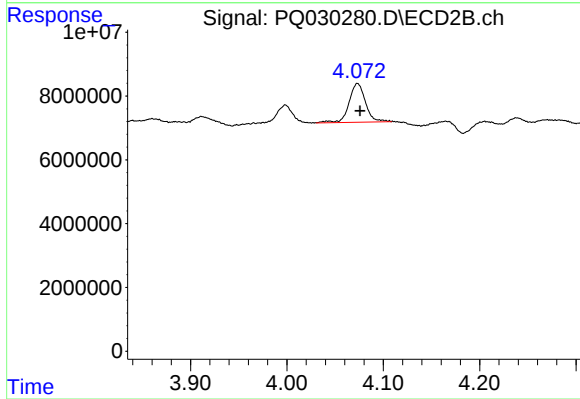
R.T.: 4.073 min
Delta R.T.: -0.003 min
Response: 14398991
Conc: 37.22 ng/ml



#11 AR-1232-1

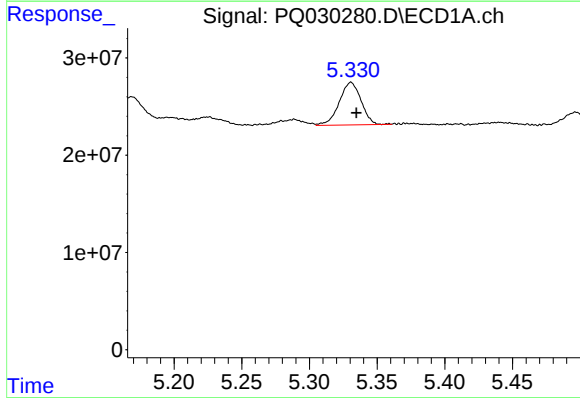
R.T.: 4.805 min
Delta R.T.: -0.004 min
Response: 45211434
Conc: 61.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



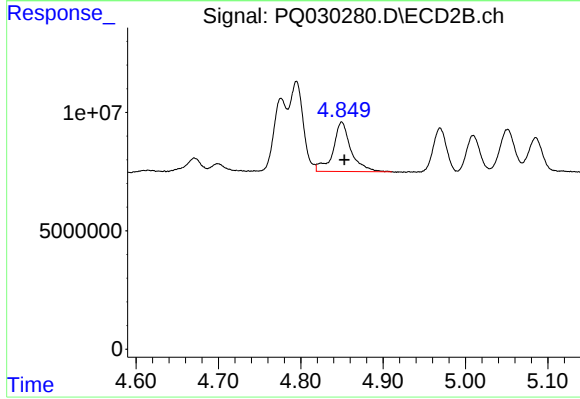
#11 AR-1232-1

R.T.: 4.073 min
Delta R.T.: -0.003 min
Response: 14398991
Conc: 58.94 ng/ml



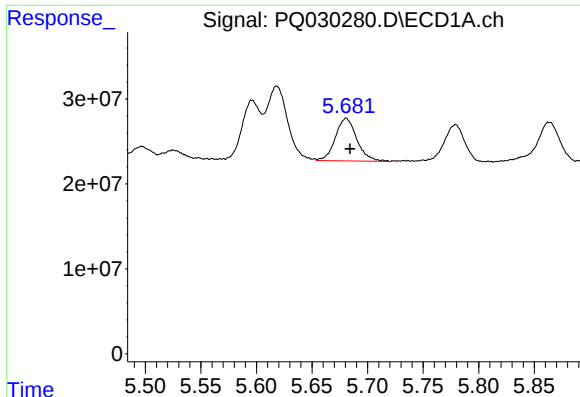
#12 AR-1232-2

R.T.: 5.331 min
Delta R.T.: -0.004 min
Response: 49066866
Conc: 130.26 ng/ml



#12 AR-1232-2

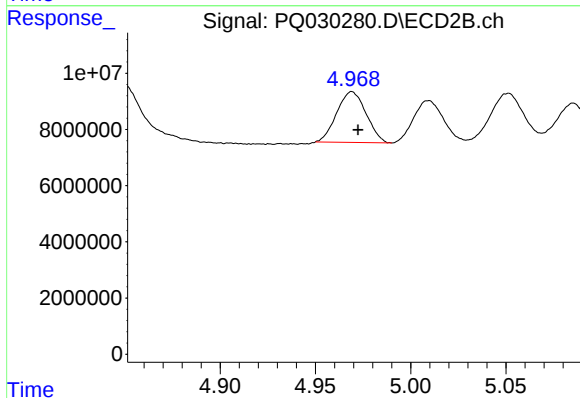
R.T.: 4.850 min
Delta R.T.: -0.003 min
Response: 31638351
Conc: 146.93 ng/ml



#13 AR-1232-3

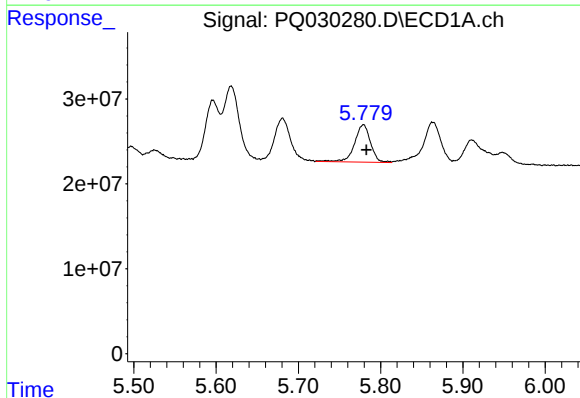
R.T.: 5.681 min
Delta R.T.: -0.004 min
Response: 67729703
Conc: 118.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



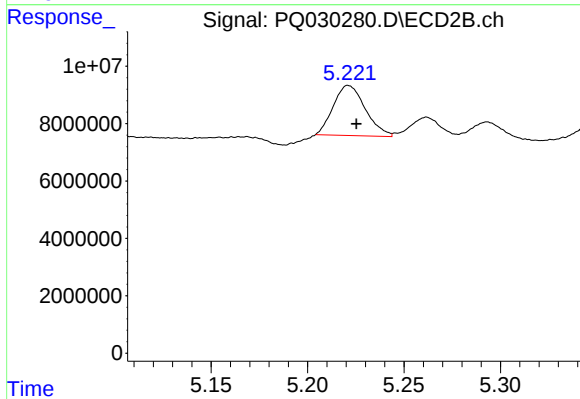
#13 AR-1232-3

R.T.: 4.969 min
Delta R.T.: -0.003 min
Response: 19353126
Conc: 137.71 ng/ml



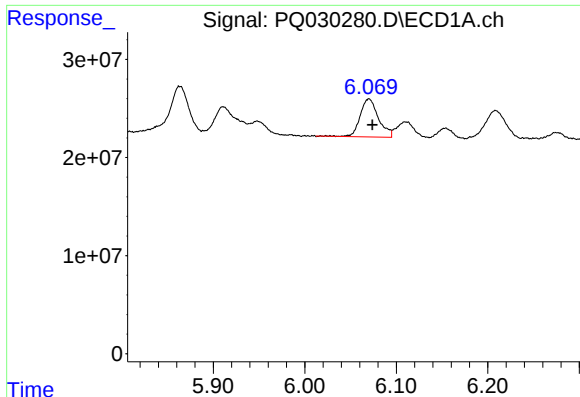
#14 AR-1232-4

R.T.: 5.779 min
Delta R.T.: -0.004 min
Response: 59763990
Conc: 131.58 ng/ml



#14 AR-1232-4

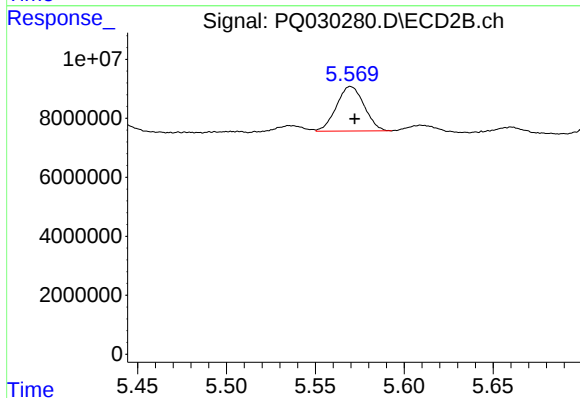
R.T.: 5.221 min
Delta R.T.: -0.004 min
Response: 20122773
Conc: 161.72 ng/ml



#15 AR-1232-5

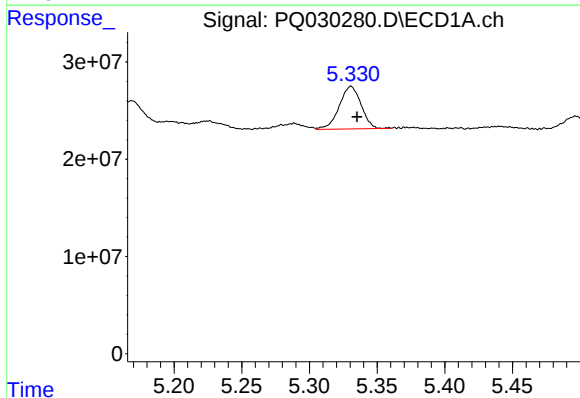
R.T.: 6.070 min
Delta R.T.: -0.004 min
Response: 53707609
Conc: 138.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



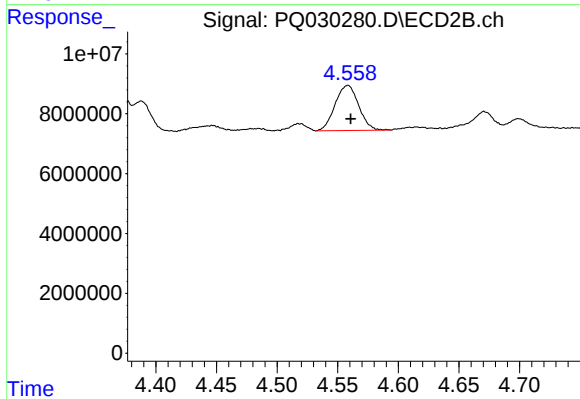
#15 AR-1232-5

R.T.: 5.570 min
Delta R.T.: -0.002 min
Response: 16409082
Conc: 85.28 ng/ml



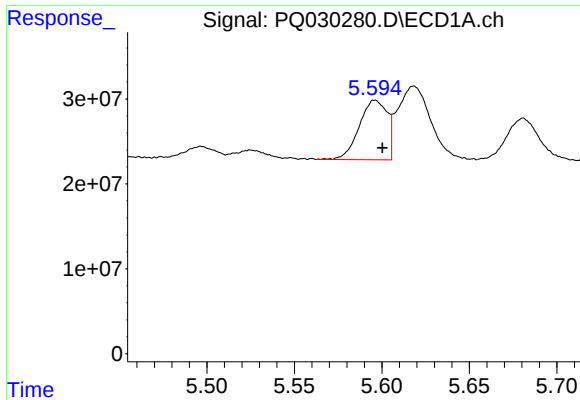
#16 AR-1242-1

R.T.: 5.331 min
Delta R.T.: -0.005 min
Response: 49066866
Conc: 64.33 ng/ml



#16 AR-1242-1

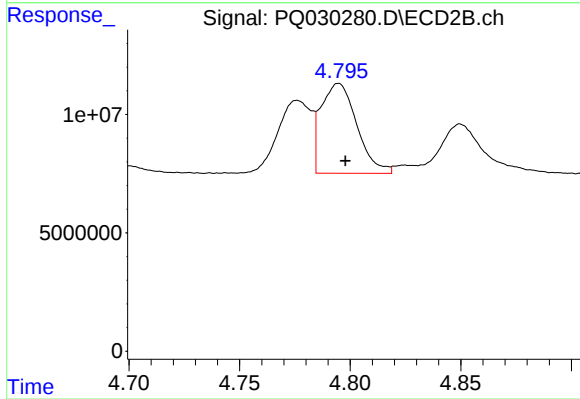
R.T.: 4.558 min
Delta R.T.: -0.002 min
Response: 20429354
Conc: 71.53 ng/ml



#17 AR-1242-2

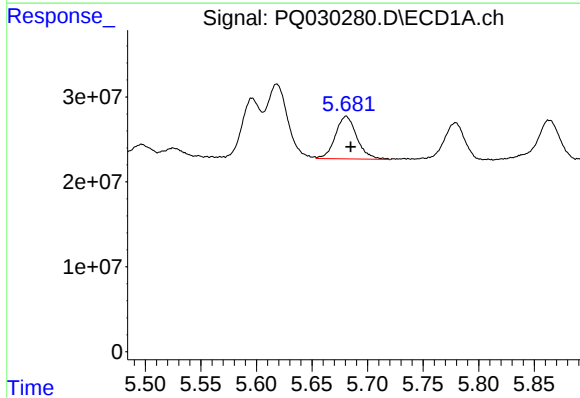
R.T.: 5.597 min
Delta R.T.: -0.004 min
Response: 77745702
Conc: 67.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



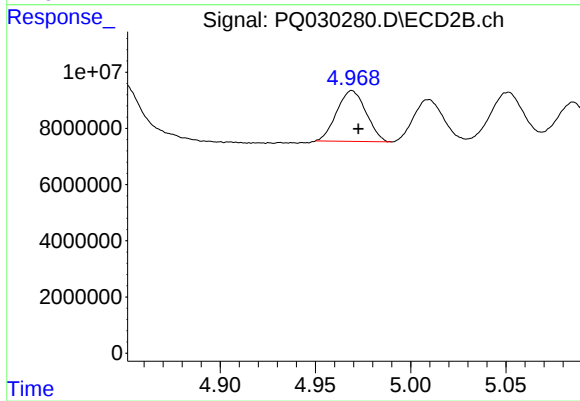
#17 AR-1242-2

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 42838790
Conc: 70.62 ng/ml



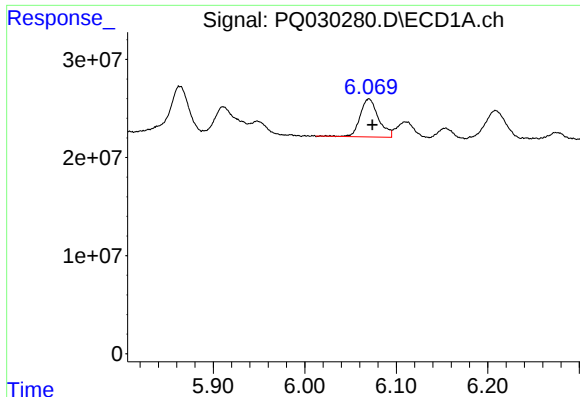
#18 AR-1242-3

R.T.: 5.681 min
Delta R.T.: -0.004 min
Response: 67729703
Conc: 65.45 ng/ml



#18 AR-1242-3

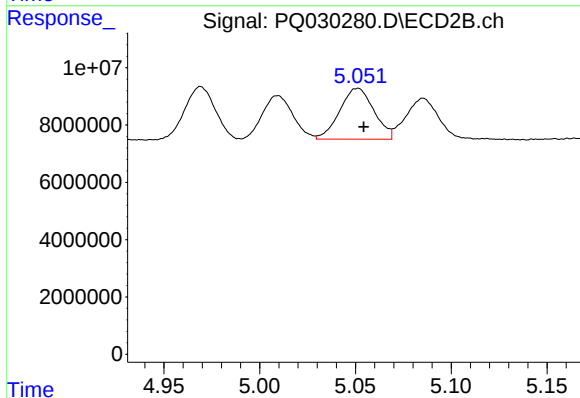
R.T.: 4.969 min
Delta R.T.: -0.003 min
Response: 19353126
Conc: 64.75 ng/ml



#19 AR-1242-4

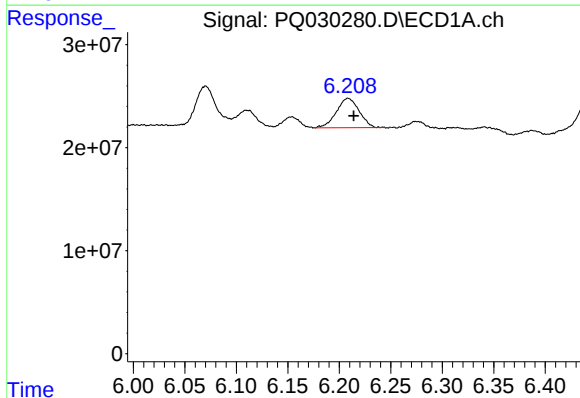
R.T.: 6.070 min
Delta R.T.: -0.004 min
Response: 53707609
Conc: 62.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



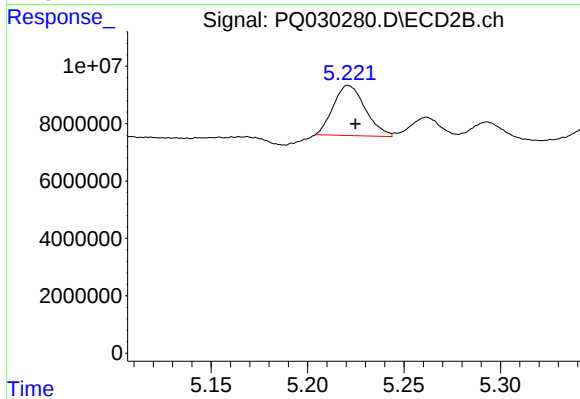
#19 AR-1242-4

R.T.: 5.051 min
Delta R.T.: -0.003 min
Response: 22048420
Conc: 71.05 ng/ml



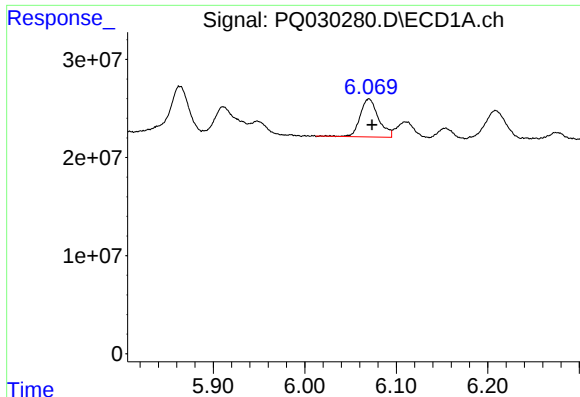
#20 AR-1242-5

R.T.: 6.209 min
Delta R.T.: -0.006 min
Response: 43608367
Conc: 46.86 ng/ml



#20 AR-1242-5

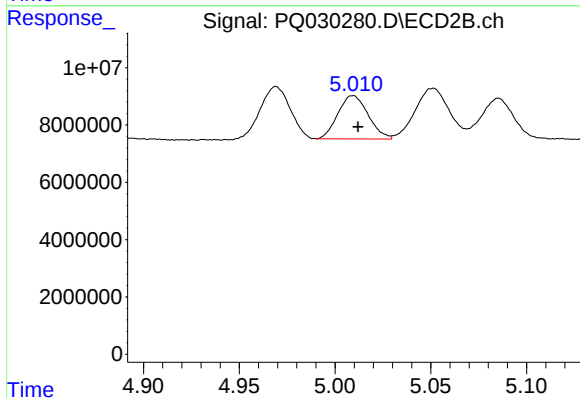
R.T.: 5.221 min
Delta R.T.: -0.003 min
Response: 20122773
Conc: 62.14 ng/ml



#21 AR-1248-1

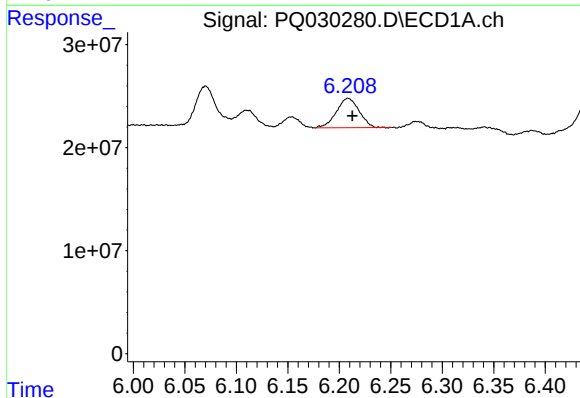
R.T.: 6.070 min
Delta R.T.: -0.004 min
Response: 53707609
Conc: 35.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



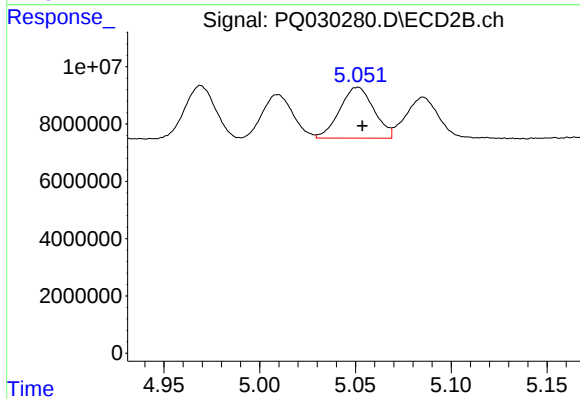
#21 AR-1248-1

R.T.: 5.009 min
Delta R.T.: -0.003 min
Response: 16653957
Conc: 41.44 ng/ml



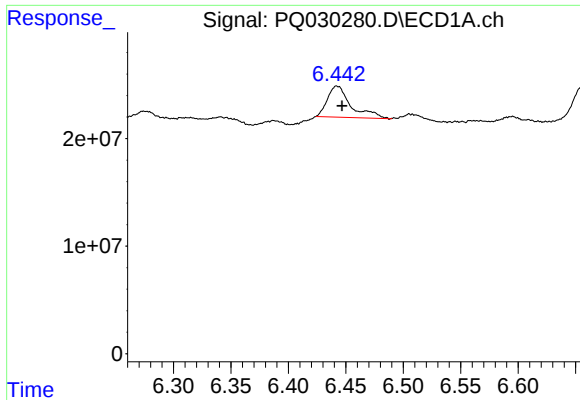
#22 AR-1248-2

R.T.: 6.209 min
Delta R.T.: -0.004 min
Response: 43608367
Conc: 34.61 ng/ml



#22 AR-1248-2

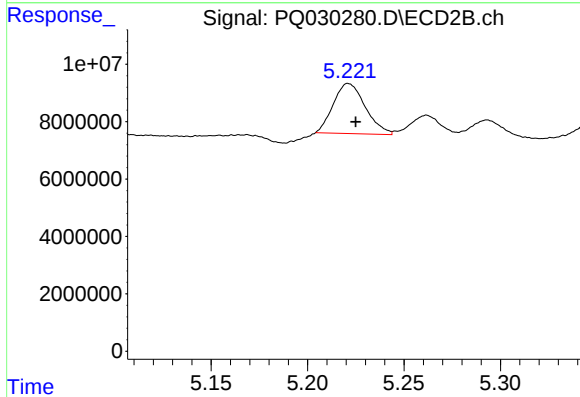
R.T.: 5.051 min
Delta R.T.: -0.002 min
Response: 22048420
Conc: 49.70 ng/ml



#23 AR-1248-3

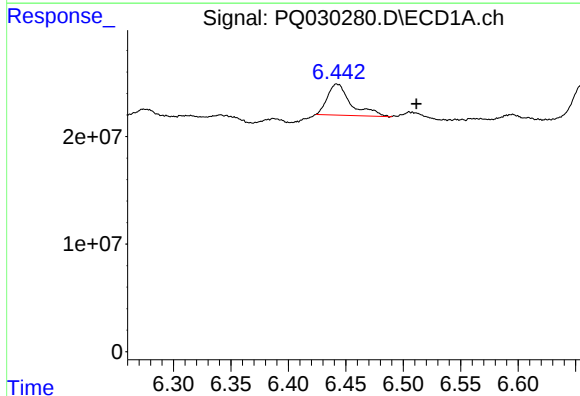
R.T.: 6.442 min
Delta R.T.: -0.004 min
Response: 41146591
Conc: 20.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



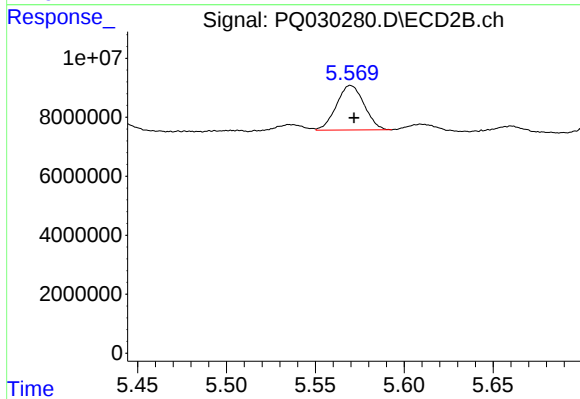
#23 AR-1248-3

R.T.: 5.221 min
Delta R.T.: -0.004 min
Response: 20122773
Conc: 40.50 ng/ml



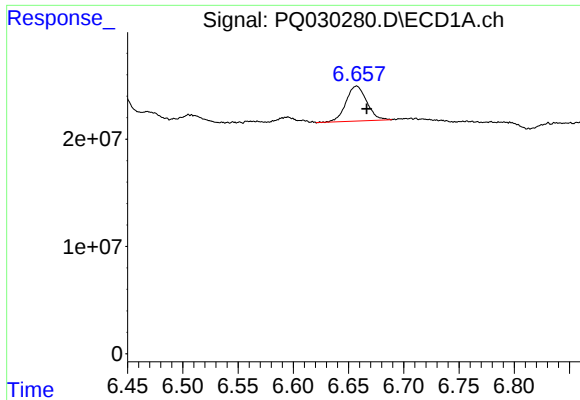
#24 AR-1248-4

R.T.: 6.442 min
Delta R.T.: -0.069 min
Response: 41146591
Conc: 25.50 ng/ml



#24 AR-1248-4

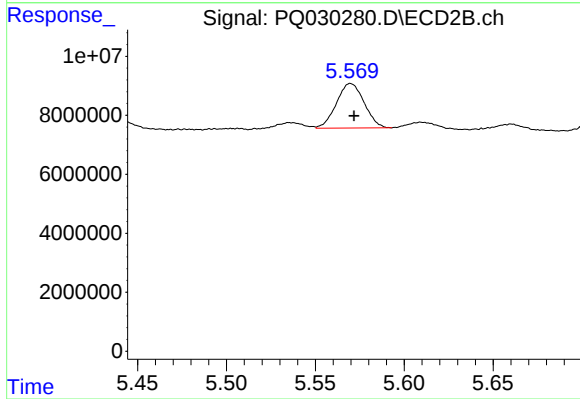
R.T.: 5.570 min
Delta R.T.: -0.002 min
Response: 16409082
Conc: 19.63 ng/ml



#25 AR-1248-5

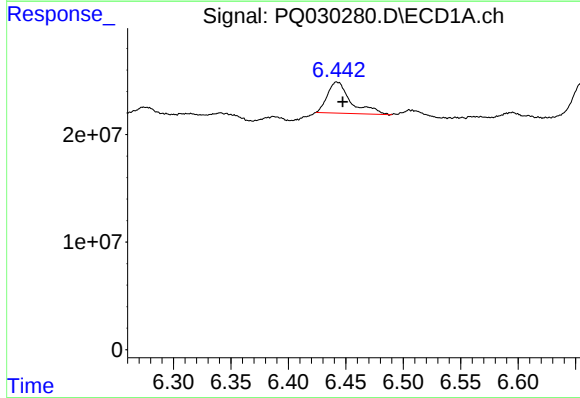
R.T.: 6.657 min
Delta R.T.: -0.009 min
Response: 42627580
Conc: 25.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



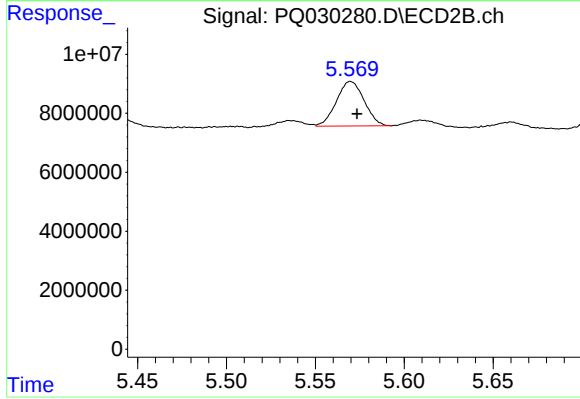
#25 AR-1248-5

R.T.: 5.570 min
Delta R.T.: -0.002 min
Response: 16409082
Conc: 19.63 ng/ml



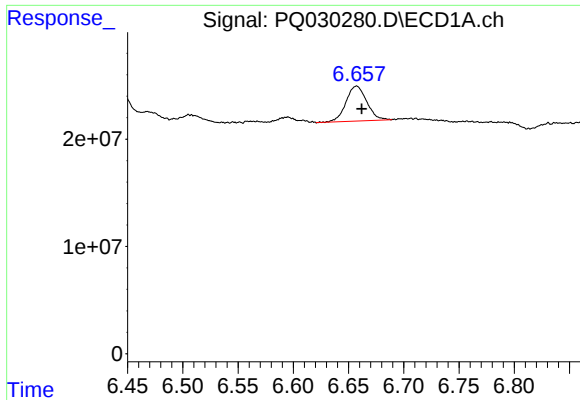
#26 AR-1254-1

R.T.: 6.442 min
Delta R.T.: -0.005 min
Response: 41146591
Conc: 18.86 ng/ml



#26 AR-1254-1

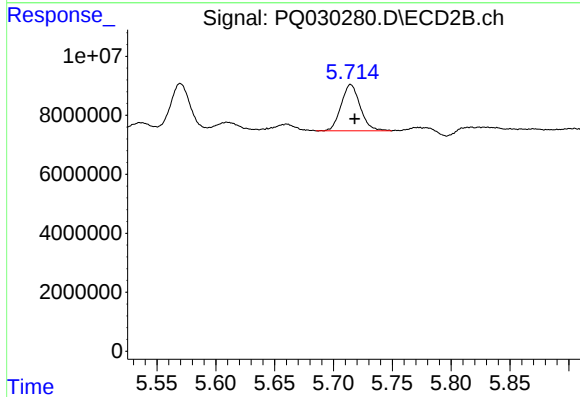
R.T.: 5.570 min
Delta R.T.: -0.003 min
Response: 16409082
Conc: 18.34 ng/ml



#27 AR-1254-2

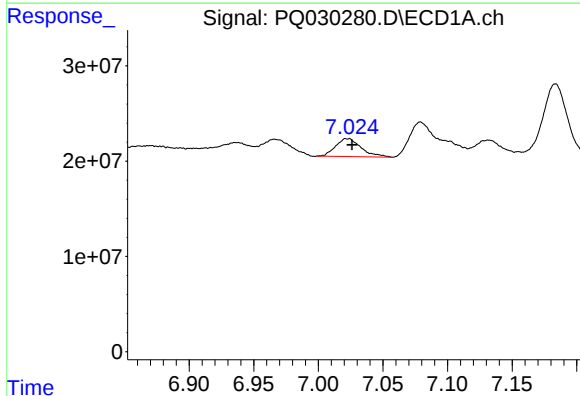
R.T.: 6.657 min
Delta R.T.: -0.005 min
Response: 42627580
Conc: 16.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



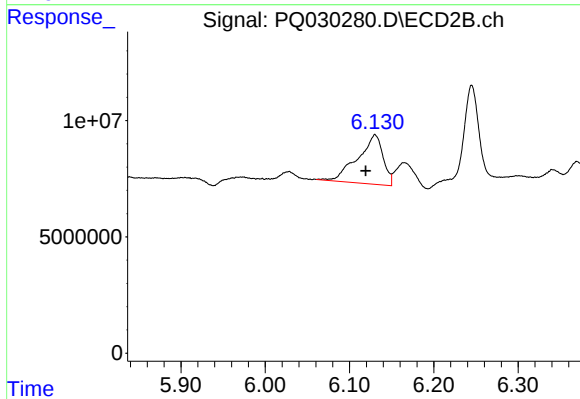
#27 AR-1254-2

R.T.: 5.715 min
Delta R.T.: -0.004 min
Response: 17729083
Conc: 23.63 ng/ml



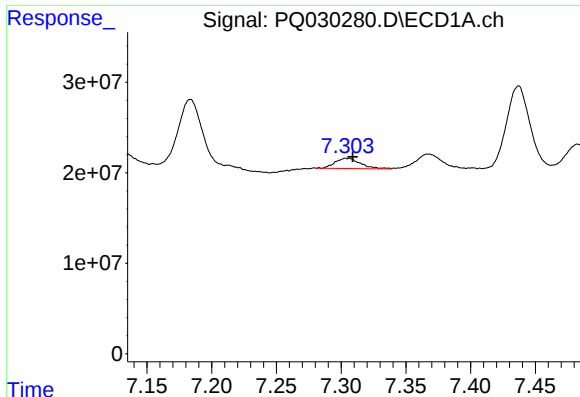
#28 AR-1254-3

R.T.: 7.023 min
Delta R.T.: -0.003 min
Response: 25860530
Conc: 9.21 ng/ml



#28 AR-1254-3

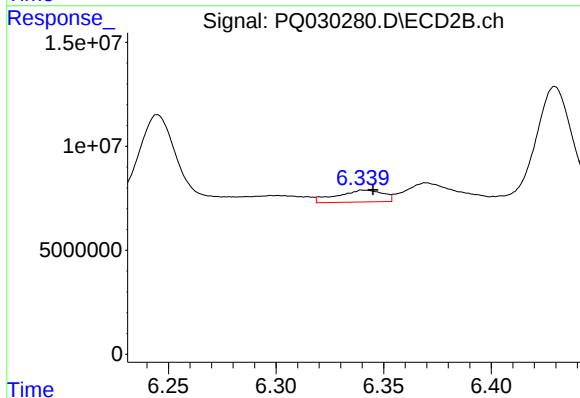
R.T.: 6.130 min
Delta R.T.: 0.011 min
Response: 44334674
Conc: 34.87 ng/ml



#29 AR-1254-4

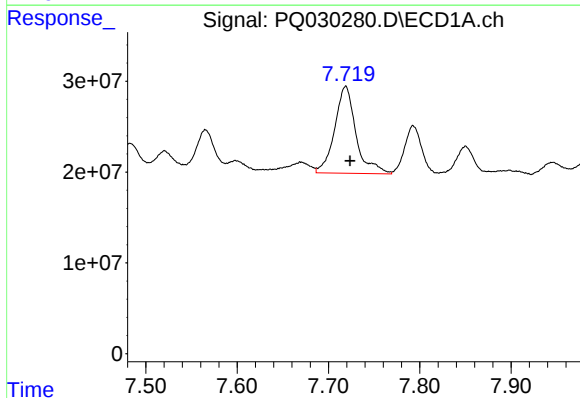
R.T.: 7.305 min
Delta R.T.: -0.004 min
Response: 15476945
Conc: 7.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



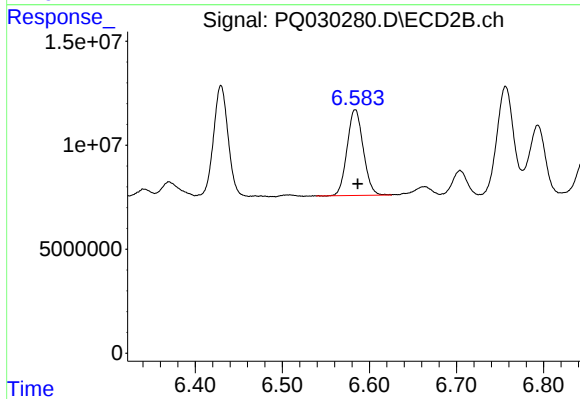
#29 AR-1254-4

R.T.: 6.341 min
Delta R.T.: -0.004 min
Response: 8465472
Conc: 9.66 ng/ml



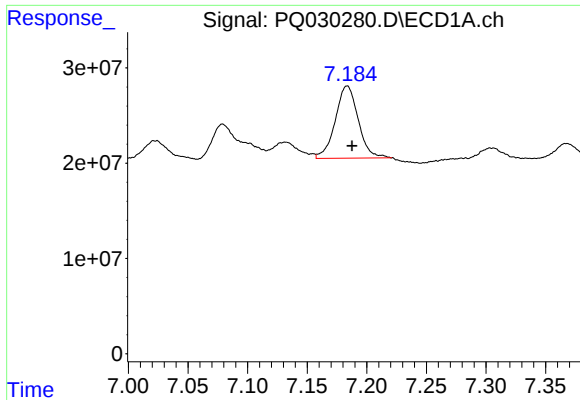
#30 AR-1254-5

R.T.: 7.719 min
Delta R.T.: -0.005 min
Response: 155292297
Conc: 62.65 ng/ml



#30 AR-1254-5

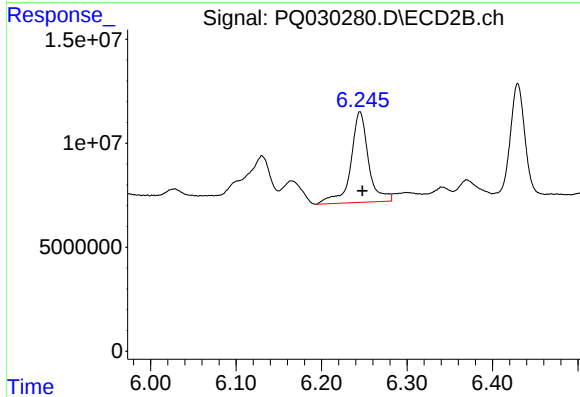
R.T.: 6.584 min
Delta R.T.: -0.003 min
Response: 53068649
Conc: 100.30 ng/ml



#31 AR-1260-1

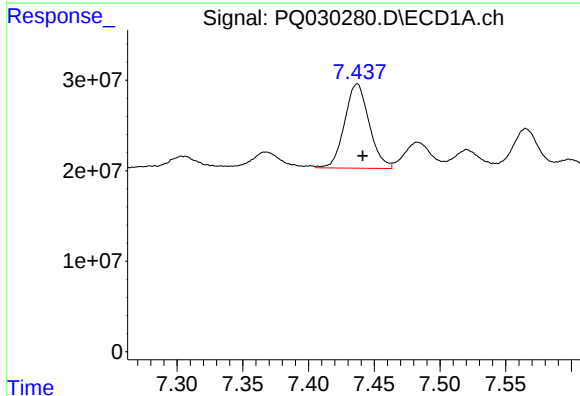
R.T.: 7.184 min
Delta R.T.: -0.004 min
Response: 100969438
Conc: 50.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



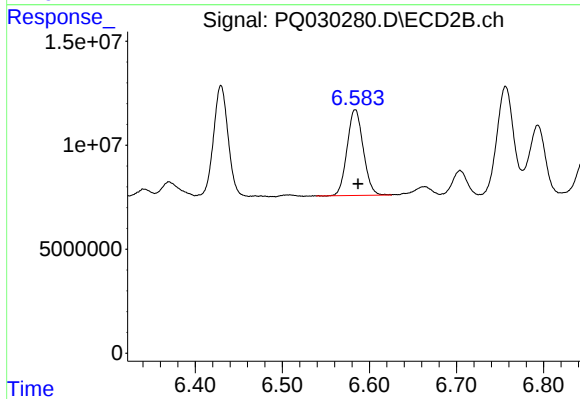
#31 AR-1260-1

R.T.: 6.245 min
Delta R.T.: -0.003 min
Response: 62647382
Conc: 62.98 ng/ml



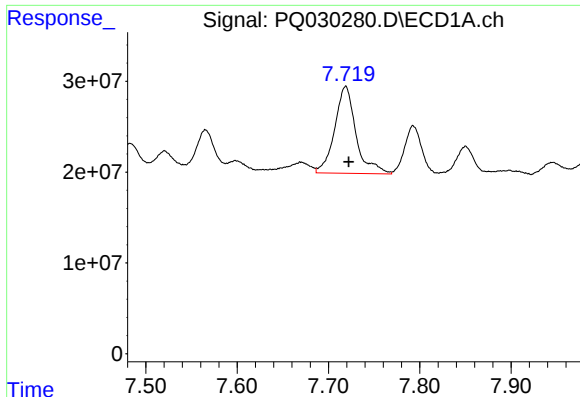
#32 AR-1260-2

R.T.: 7.437 min
Delta R.T.: -0.004 min
Response: 121175244
Conc: 51.06 ng/ml



#32 AR-1260-2

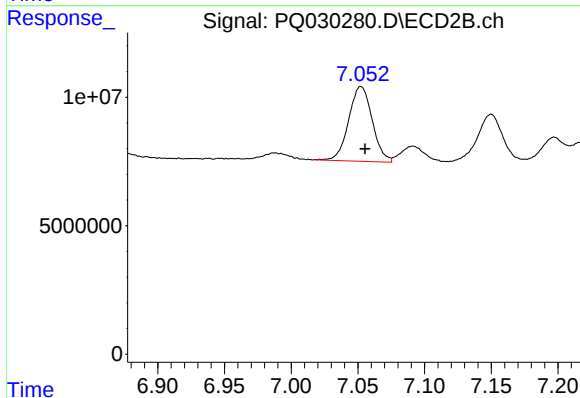
R.T.: 6.584 min
Delta R.T.: -0.003 min
Response: 53068649
Conc: 46.26 ng/ml



#33 AR-1260-3

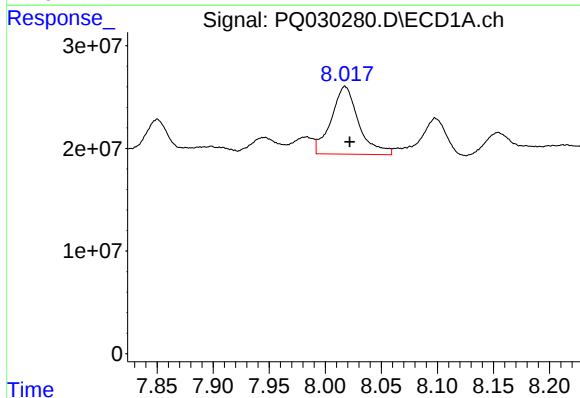
R.T.: 7.719 min
Delta R.T.: -0.003 min
Response: 155292297
Conc: 55.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



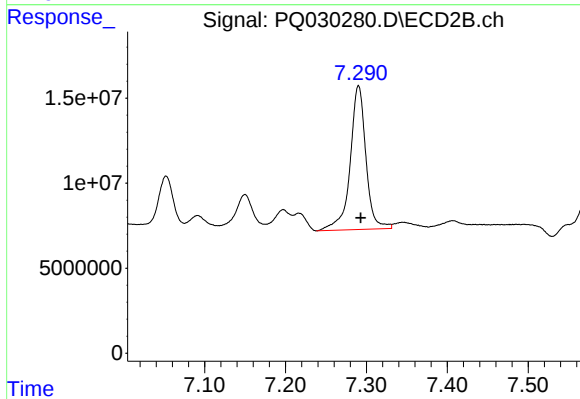
#33 AR-1260-3

R.T.: 7.052 min
Delta R.T.: -0.003 min
Response: 35778532
Conc: 38.37 ng/ml



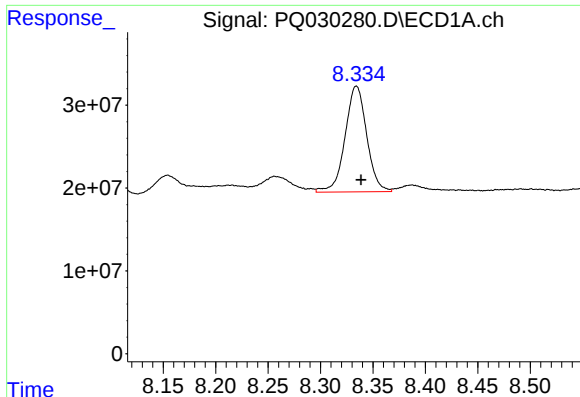
#34 AR-1260-4

R.T.: 8.018 min
Delta R.T.: -0.004 min
Response: 112472813
Conc: 56.21 ng/ml



#34 AR-1260-4

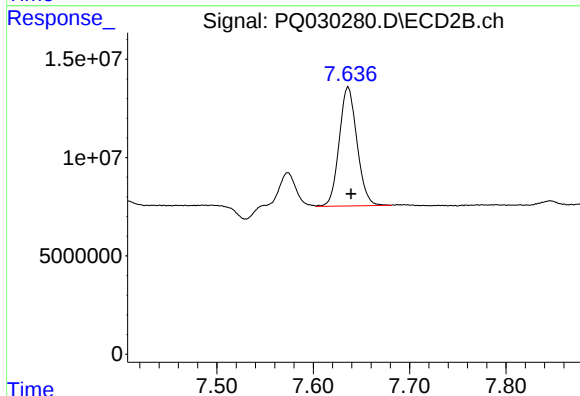
R.T.: 7.290 min
Delta R.T.: -0.003 min
Response: 114635857
Conc: 47.16 ng/ml



#35 AR-1260-5

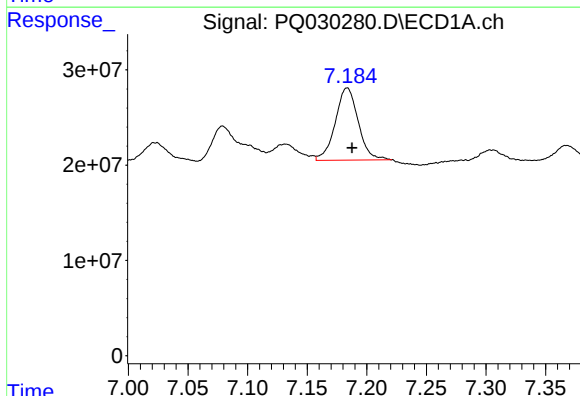
R.T.: 8.334 min
Delta R.T.: -0.004 min
Response: 183769861
Conc: 46.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



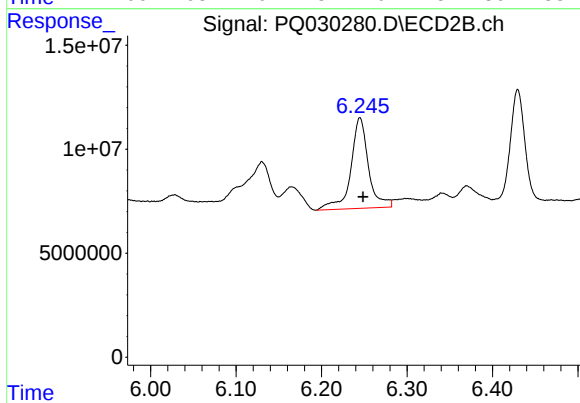
#35 AR-1260-5

R.T.: 7.636 min
Delta R.T.: -0.003 min
Response: 77563438
Conc: 44.29 ng/ml



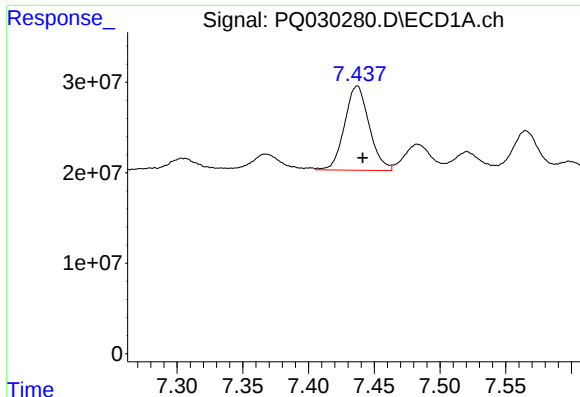
#36 AR-1262-1

R.T.: 7.184 min
Delta R.T.: -0.004 min
Response: 100969438
Conc: 70.81 ng/ml



#36 AR-1262-1

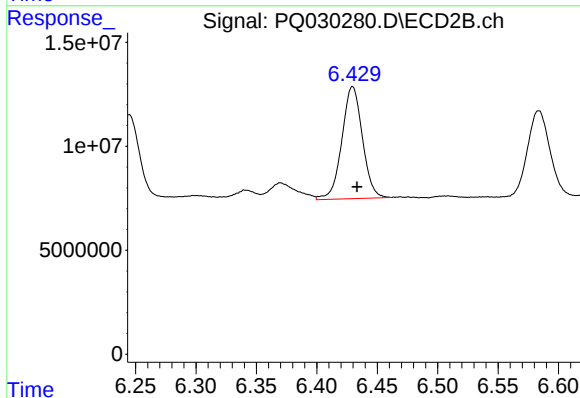
R.T.: 6.245 min
Delta R.T.: -0.003 min
Response: 62647382
Conc: 81.95 ng/ml



#37 AR-1262-2

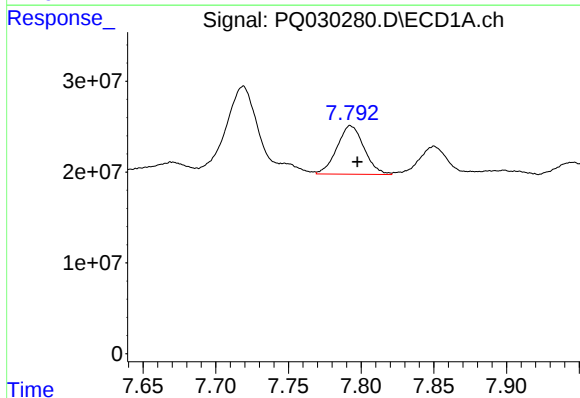
R.T.: 7.437 min
Delta R.T.: -0.004 min
Response: 121175244
Conc: 66.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



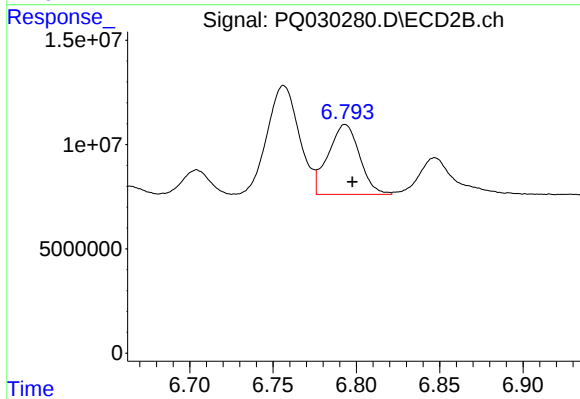
#37 AR-1262-2

R.T.: 6.430 min
Delta R.T.: -0.004 min
Response: 63932724
Conc: 63.12 ng/ml



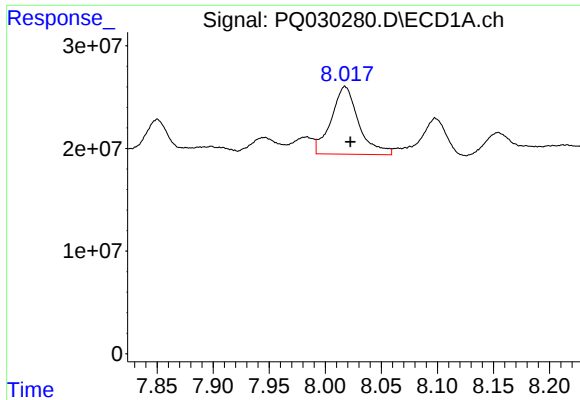
#38 AR-1262-3

R.T.: 7.793 min
Delta R.T.: -0.005 min
Response: 69154228
Conc: 30.11 ng/ml



#38 AR-1262-3

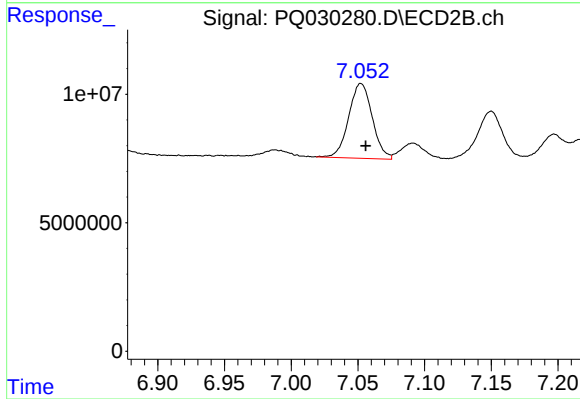
R.T.: 6.793 min
Delta R.T.: -0.004 min
Response: 44015547
Conc: 34.95 ng/ml



#39 AR-1262-4

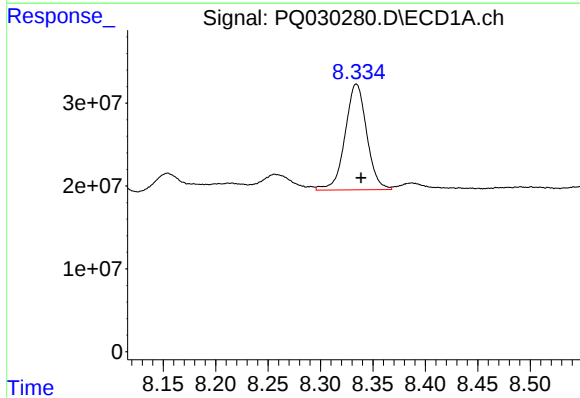
R.T.: 8.018 min
Delta R.T.: -0.005 min
Response: 112472813
Conc: 51.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



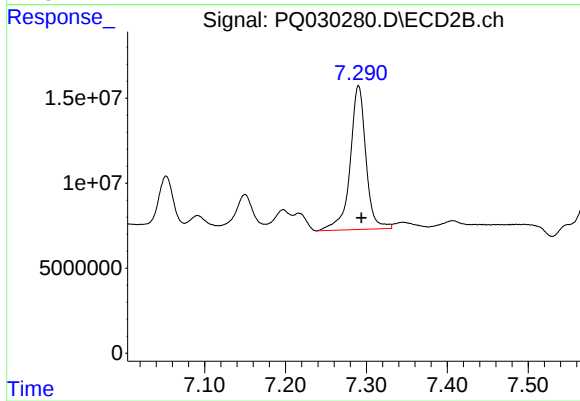
#39 AR-1262-4

R.T.: 7.052 min
Delta R.T.: -0.003 min
Response: 35778532
Conc: 33.12 ng/ml



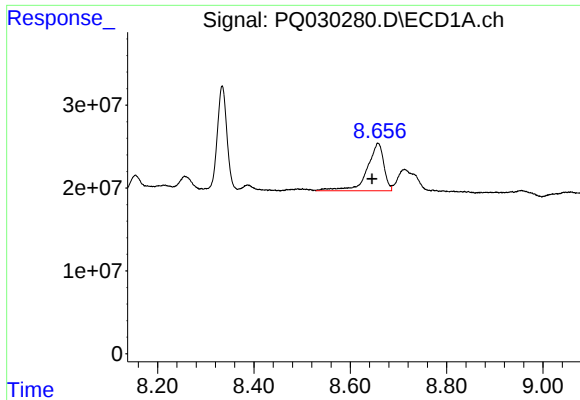
#40 AR-1262-5

R.T.: 8.334 min
Delta R.T.: -0.004 min
Response: 183769861
Conc: 36.74 ng/ml



#40 AR-1262-5

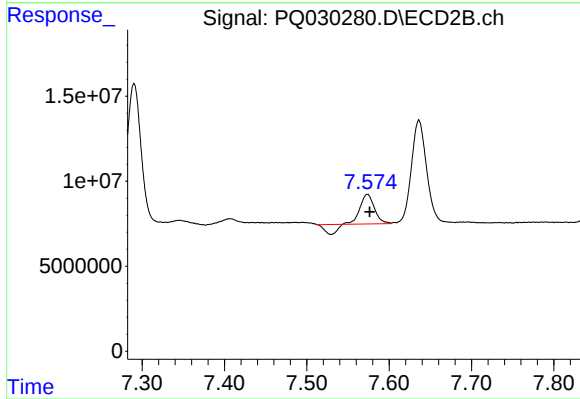
R.T.: 7.290 min
Delta R.T.: -0.003 min
Response: 114635857
Conc: 47.32 ng/ml



#41 AR-1268-1

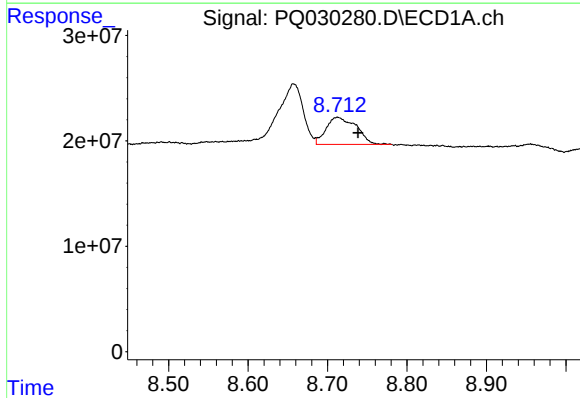
R.T.: 8.658 min
Delta R.T.: 0.012 min
Response: 137585910
Conc: 32.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



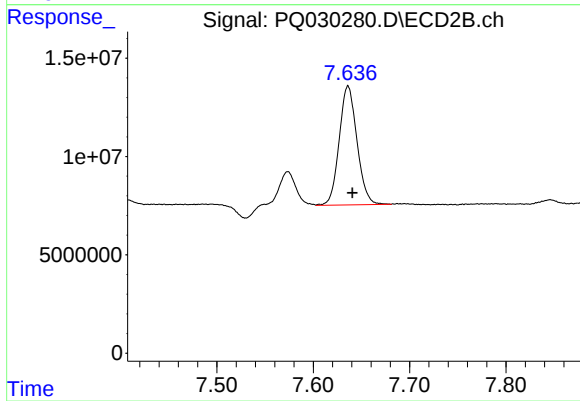
#41 AR-1268-1

R.T.: 7.574 min
Delta R.T.: -0.003 min
Response: 15927035
Conc: 6.67 ng/ml



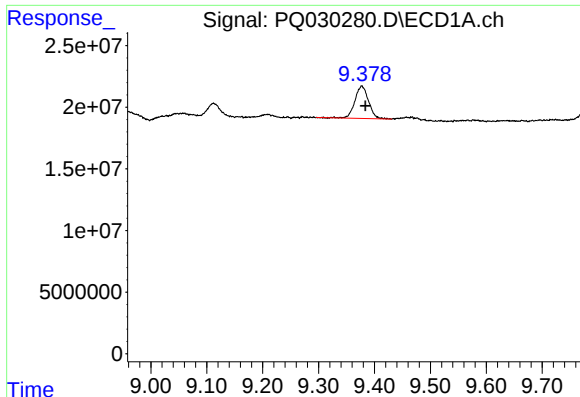
#42 AR-1268-2

R.T.: 8.713 min
Delta R.T.: -0.026 min
Response: 68144791
Conc: 17.63 ng/ml



#42 AR-1268-2

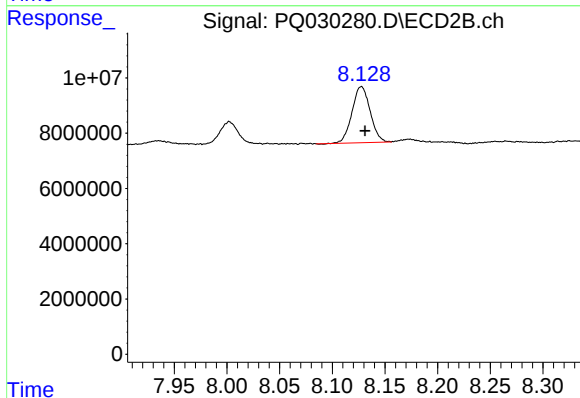
R.T.: 7.636 min
Delta R.T.: -0.004 min
Response: 77563438
Conc: 32.14 ng/ml



#44 AR-1268-4

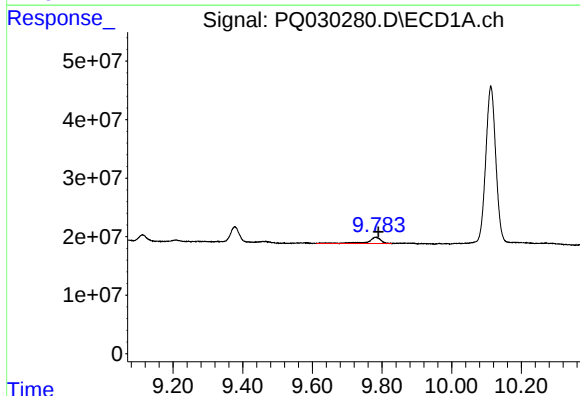
R.T.: 9.377 min
Delta R.T.: -0.006 min
Response: 44593687
Conc: 28.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



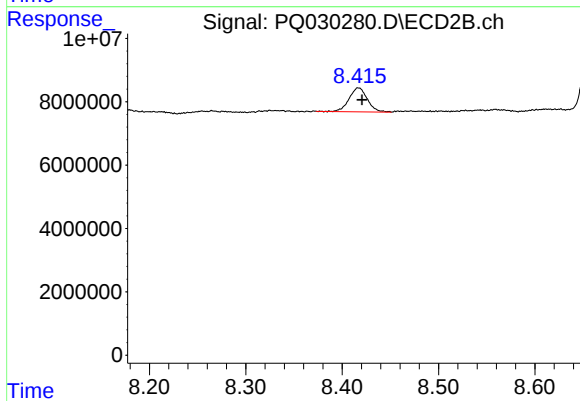
#44 AR-1268-4

R.T.: 8.128 min
Delta R.T.: -0.003 min
Response: 24327695
Conc: 29.02 ng/ml



#45 AR-1268-5

R.T.: 9.782 min
Delta R.T.: -0.007 min
Response: 29149562
Conc: 2.78 ng/ml



#45 AR-1268-5

R.T.: 8.417 min
Delta R.T.: -0.004 min
Response: 9914908
Conc: 1.56 ng/ml