

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ011719\
 Data File : PQ036489.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jan 2019 14:22
 Operator : SM\SJ
 Sample : PB116443BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 PB116443BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 18 02:44:47 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ010819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 09 07:07:45 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.374	3.717	112.1E6	61727397	24.524	25.502
2)	SA Decachlor...	10.009	8.670	68512673	35474491	18.835	18.453
Target Compounds							
3)	L1 AR-1016-1	5.534	4.790	32552355	19055109	232.647	245.514
4)	L1 AR-1016-2	5.555	4.807	46755395	27023621	219.027	237.283
5)	L1 AR-1016-3	5.616	4.983	27452108	13840479	221.280	239.235
6)	L1 AR-1016-4	5.716	5.022	21809750	11107476	215.381	235.634
7)	L1 AR-1016-5	6.006	5.235	20679185	13759724	207.087	226.181
8)	L2 AR-1221-1	4.580	3.925	2913004	1376459	82.419	70.149
9)	L2 AR-1221-2	4.672	4.013	4528866	2079911	170.493	140.337
10)	L2 AR-1221-3	4.747	4.087	17234841	10345428	193.332	209.261
11)	L3 AR-1232-1	4.747	4.087	17234841	10345428	226.228	240.409
12)	L3 AR-1232-2	5.268	4.807	23027924	27023621	603.313	599.837
13)	L3 AR-1232-3	5.555	4.983	46755395	13840479	581.042	610.693
14)	L3 AR-1232-4	5.716	5.063	21809750	13520857	567.418	656.923
15)	L3 AR-1232-5	5.802	5.235	18840042	13759724	657.775	627.426
16)	L4 AR-1242-1	5.555	4.790	46755395	19055109	470.284	330.509 #
17)	L4 AR-1242-2	5.555	4.807	46755395	27023621	309.521	331.369
18)	L4 AR-1242-3	5.616	4.983	27452108	13840479	309.533	323.781
19)	L4 AR-1242-4	5.716	5.063	21809750	13520857	299.385	317.737
20)	L4 AR-1242-5	6.447	5.581	2564063	10439102	32.311	192.186 #
21)	L5 AR-1248-1	5.555	4.790	46755395	19055109	467.241	406.042
22)	L5 AR-1248-2	5.802	5.022	18840042	11107476	168.657	176.976
23)	L5 AR-1248-3	6.006	5.063	20679185	13520857	165.026	210.442 #
24)	L5 AR-1248-4	6.408	5.235	2923003	13759724	20.500	179.129 #
25)	L5 AR-1248-5	6.447	5.622	2564063	1472771	18.761	19.298
26)	L6 AR-1254-1	6.408	5.581	2923003	10439102	21.502	99.811 #
27)	L6 AR-1254-2	6.594	5.727	15500362	9822705	72.885	107.494 #
28)	L6 AR-1254-3	6.964	6.138	7658228	16022771	32.626	100.638 #
29)	L6 AR-1254-4	7.307	6.355	4942798	1618004	27.938	15.415 #
30)	L6 AR-1254-5	7.697	6.767	4839304	28750443	23.627	197.937 #
31)	L7 AR-1260-1	7.123	6.254	34290796	22699412	180.109	190.631
32)	L7 AR-1260-2	7.378	6.441	38854982	26363310	169.310	183.631
33)	L7 AR-1260-3	7.735	6.593	23695356	23688319	168.279	179.405
34)	L7 AR-1260-4	7.963	7.060	27695263	16530260	160.625	183.893
35)	L7 AR-1260-5	8.279	7.302	55349558	37182827	164.900	168.300
36)	L8 AR-1262-1	7.735	6.801	23695356	18342565	101.113	118.983
37)	L8 AR-1262-2	8.279	7.302	55349558	37182827	129.003	133.566
38)	L8 AR-1262-3	8.603	7.580	16644833	7145499	178.859	68.930 #
39)	L8 AR-1262-4	8.652	7.646	16876665	27107796	81.368	136.205 #
40)	L8 AR-1262-5	9.306	8.142	2833075	7723926	19.502	87.842 #
41)	L9 AR-1268-1	8.603	7.580	16644833	7145499	32.773	22.492 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ011719\
 Data File : PQ036489.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jan 2019 14:22
 Operator : SM\SJ
 Sample : PB116443BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

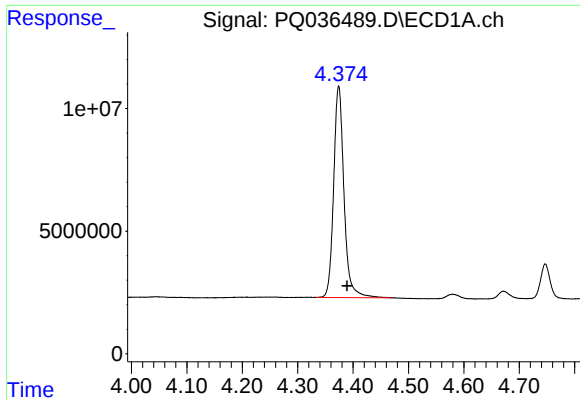
Instrument :
 ECD_Q
 ClientSampleId :
 PB116443BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 18 02:44:47 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ010819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 09 07:07:45 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.652	7.646	16876665	27107796	35.292	94.140 #
44) L9	AR-1268-4	9.306	8.142	2833075	7723926	17.253	77.685 #
45) L9	AR-1268-5	0.000	8.426	0	2483830	N.D.	3.305 #

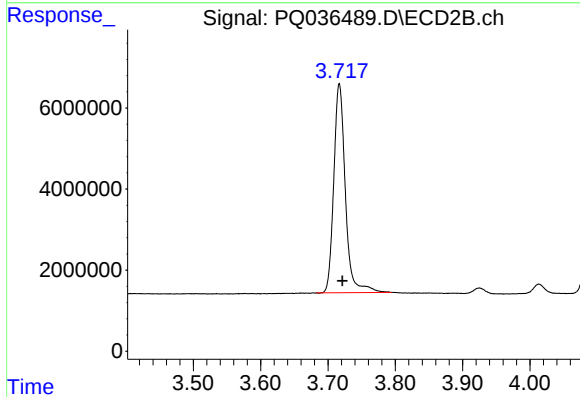
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

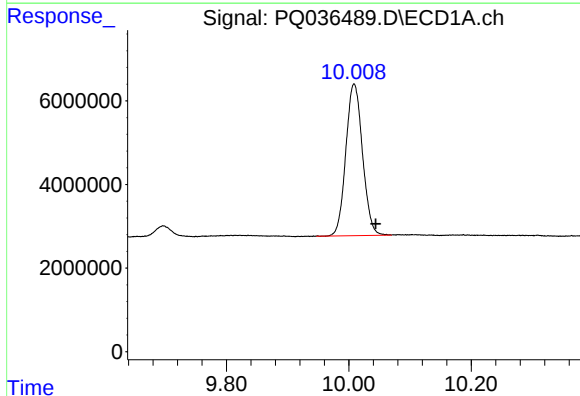
R.T.: 4.374 min
Delta R.T.: -0.015 min
Response: 112113889
Conc: 24.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116443BS



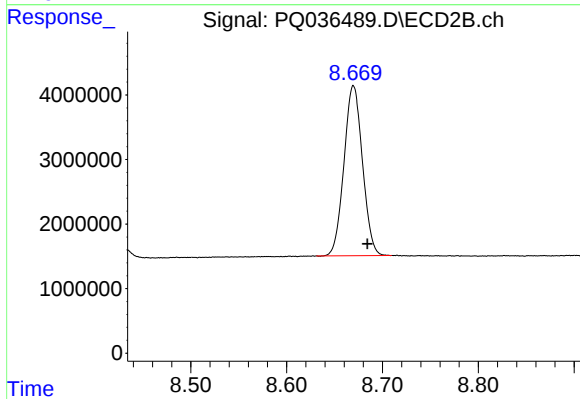
#1 Tetrachloro-m-xylene

R.T.: 3.717 min
Delta R.T.: -0.004 min
Response: 61727397
Conc: 25.50 ng/ml



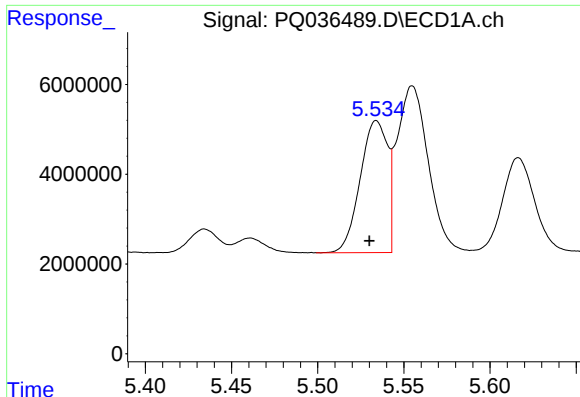
#2 Decachlorobiphenyl

R.T.: 10.009 min
Delta R.T.: -0.035 min
Response: 68512673
Conc: 18.84 ng/ml



#2 Decachlorobiphenyl

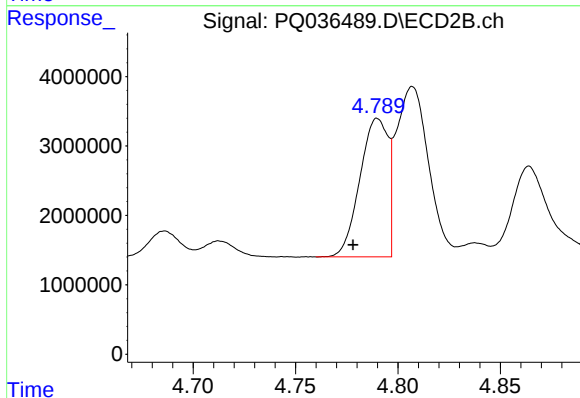
R.T.: 8.670 min
Delta R.T.: -0.015 min
Response: 35474491
Conc: 18.45 ng/ml



#3 AR-1016-1

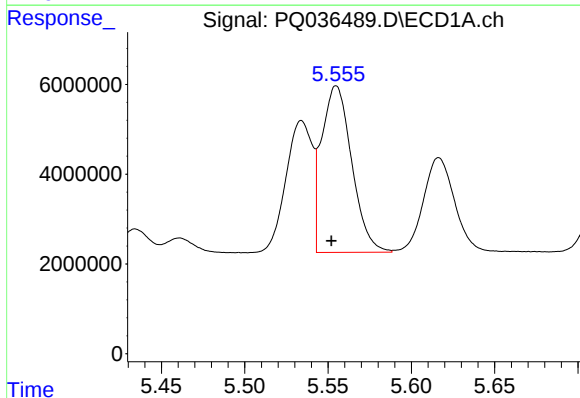
R.T.: 5.534 min
Delta R.T.: 0.004 min
Response: 32552355
Conc: 232.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116443BS



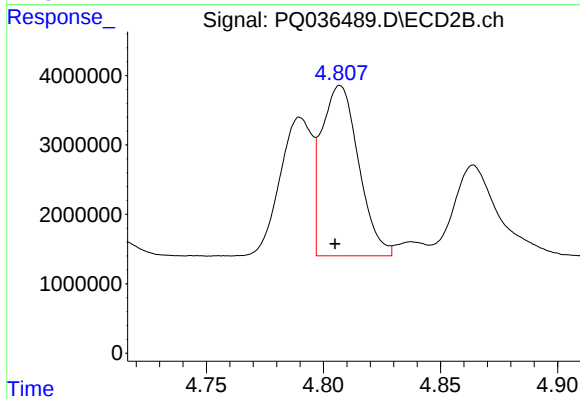
#3 AR-1016-1

R.T.: 4.790 min
Delta R.T.: 0.012 min
Response: 19055109
Conc: 245.51 ng/ml



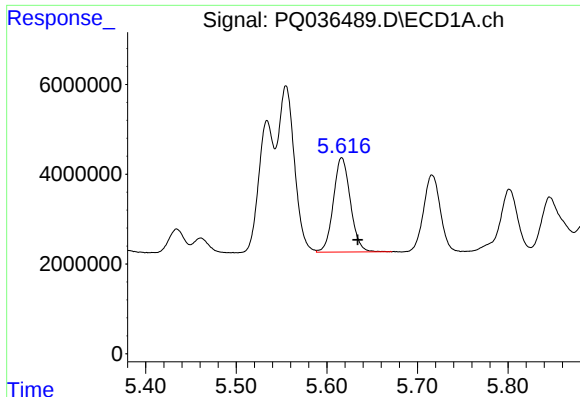
#4 AR-1016-2

R.T.: 5.555 min
Delta R.T.: 0.003 min
Response: 46755395
Conc: 219.03 ng/ml



#4 AR-1016-2

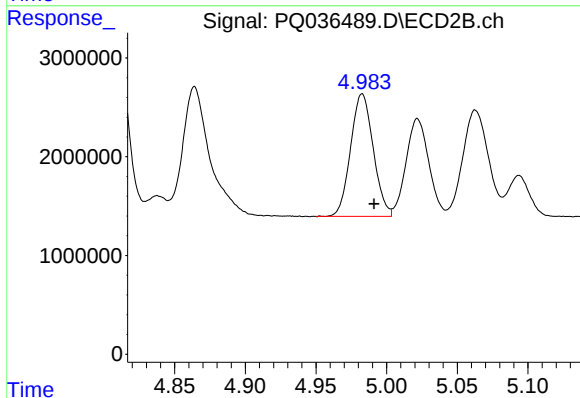
R.T.: 4.807 min
Delta R.T.: 0.002 min
Response: 27023621
Conc: 237.28 ng/ml



#5 AR-1016-3

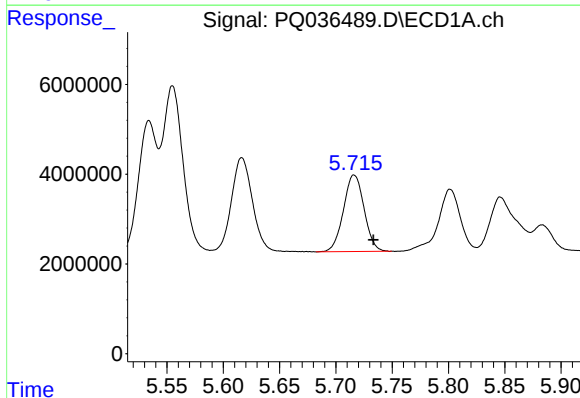
R.T.: 5.616 min
Delta R.T.: -0.018 min
Response: 27452108
Conc: 221.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116443BS



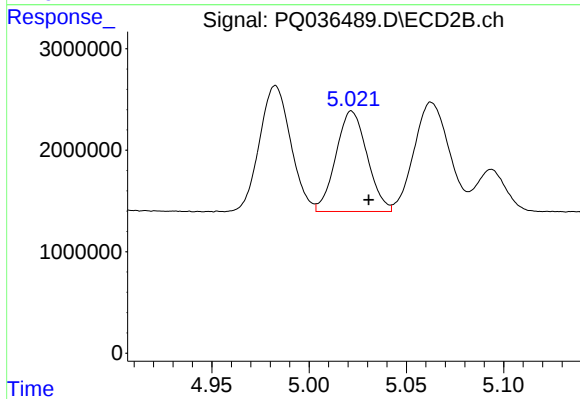
#5 AR-1016-3

R.T.: 4.983 min
Delta R.T.: -0.008 min
Response: 13840479
Conc: 239.24 ng/ml



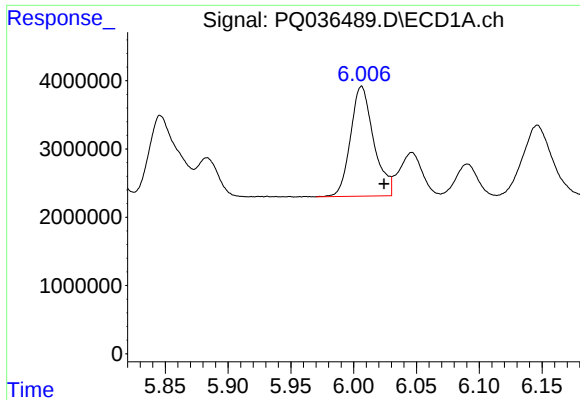
#6 AR-1016-4

R.T.: 5.716 min
Delta R.T.: -0.017 min
Response: 21809750
Conc: 215.38 ng/ml



#6 AR-1016-4

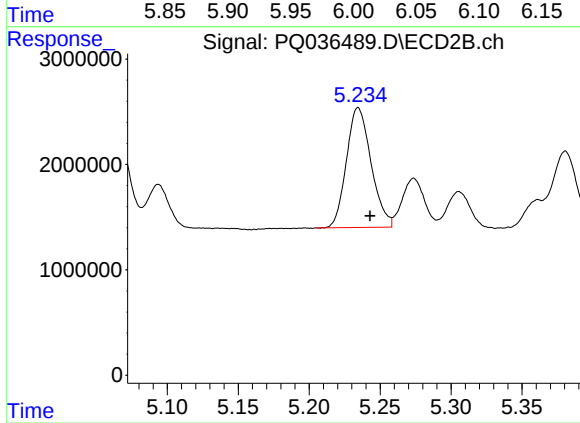
R.T.: 5.022 min
Delta R.T.: -0.009 min
Response: 11107476
Conc: 235.63 ng/ml



#7 AR-1016-5

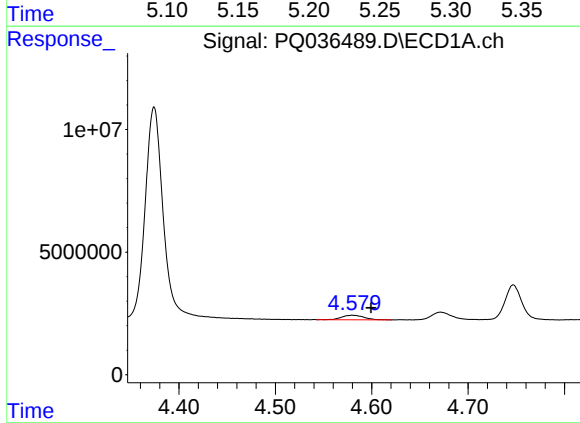
R.T.: 6.006 min
Delta R.T.: -0.018 min
Response: 20679185
Conc: 207.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116443BS



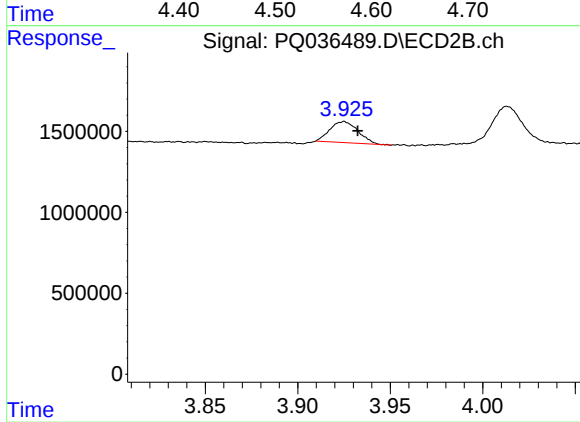
#7 AR-1016-5

R.T.: 5.235 min
Delta R.T.: -0.008 min
Response: 13759724
Conc: 226.18 ng/ml



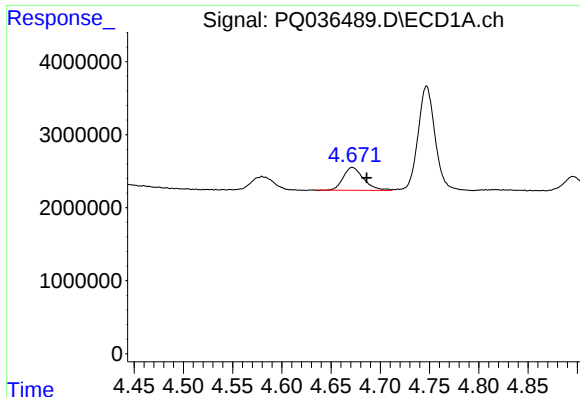
#8 AR-1221-1

R.T.: 4.580 min
Delta R.T.: -0.019 min
Response: 2913004
Conc: 82.42 ng/ml



#8 AR-1221-1

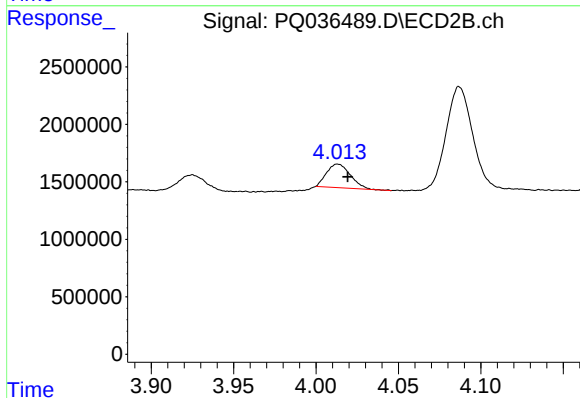
R.T.: 3.925 min
Delta R.T.: -0.008 min
Response: 1376459
Conc: 70.15 ng/ml



#9 AR-1221-2

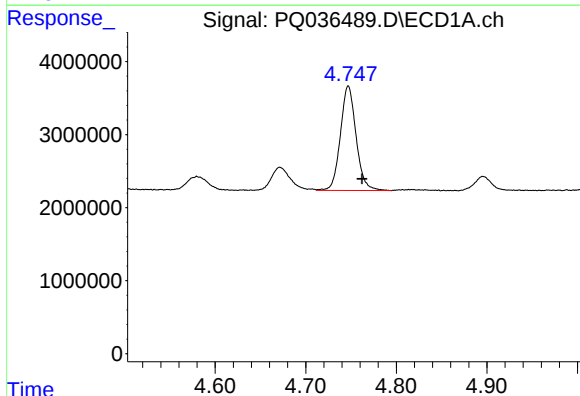
R.T.: 4.672 min
Delta R.T.: -0.015 min
Response: 4528866
Conc: 170.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116443BS



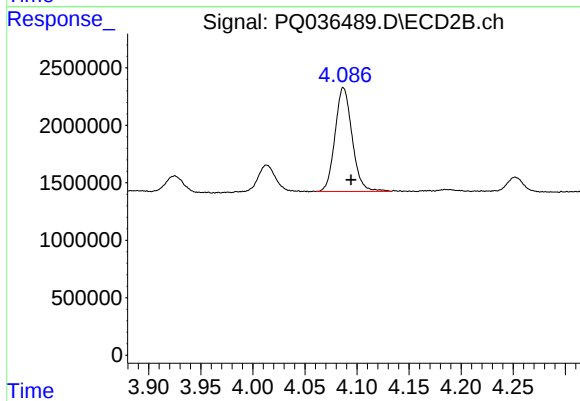
#9 AR-1221-2

R.T.: 4.013 min
Delta R.T.: -0.006 min
Response: 2079911
Conc: 140.34 ng/ml



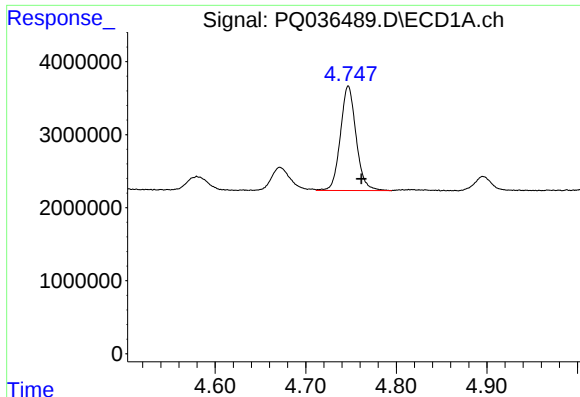
#10 AR-1221-3

R.T.: 4.747 min
Delta R.T.: -0.015 min
Response: 17234841
Conc: 193.33 ng/ml



#10 AR-1221-3

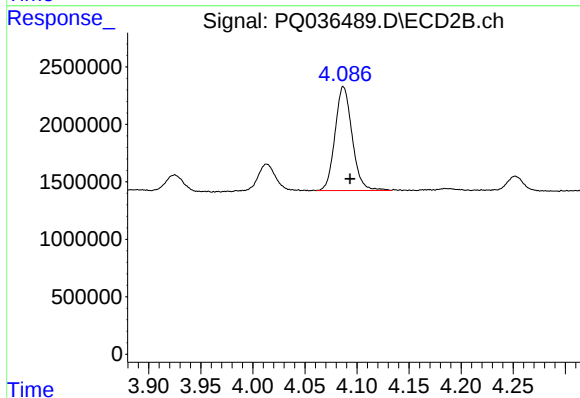
R.T.: 4.087 min
Delta R.T.: -0.007 min
Response: 10345428
Conc: 209.26 ng/ml



#11 AR-1232-1

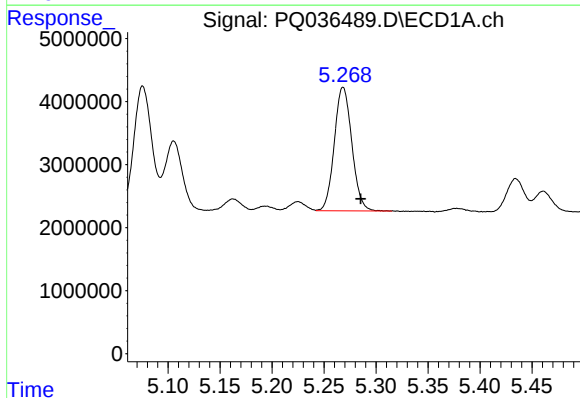
R.T.: 4.747 min
Delta R.T.: -0.014 min
Response: 17234841
Conc: 226.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116443BS



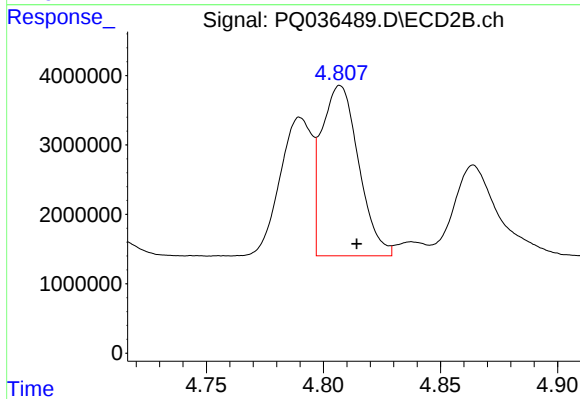
#11 AR-1232-1

R.T.: 4.087 min
Delta R.T.: -0.006 min
Response: 10345428
Conc: 240.41 ng/ml



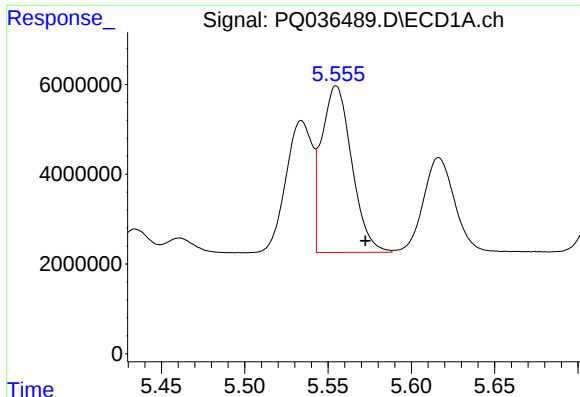
#12 AR-1232-2

R.T.: 5.268 min
Delta R.T.: -0.017 min
Response: 23027924
Conc: 603.31 ng/ml



#12 AR-1232-2

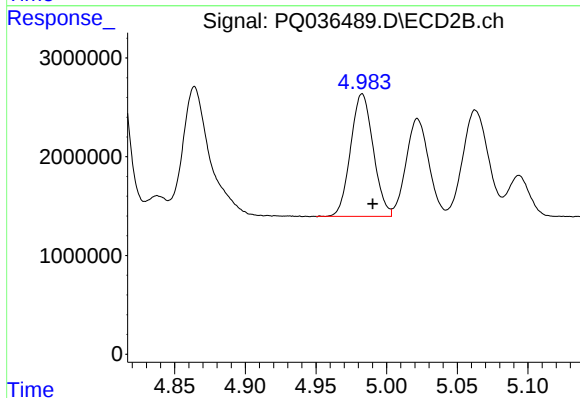
R.T.: 4.807 min
Delta R.T.: -0.007 min
Response: 27023621
Conc: 599.84 ng/ml



#13 AR-1232-3

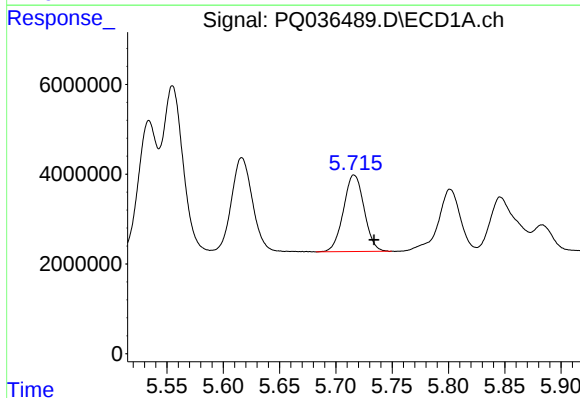
R.T.: 5.555 min
Delta R.T.: -0.018 min
Response: 46755395
Conc: 581.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116443BS



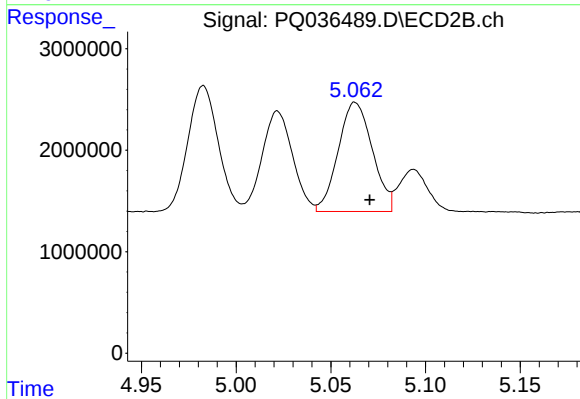
#13 AR-1232-3

R.T.: 4.983 min
Delta R.T.: -0.007 min
Response: 13840479
Conc: 610.69 ng/ml



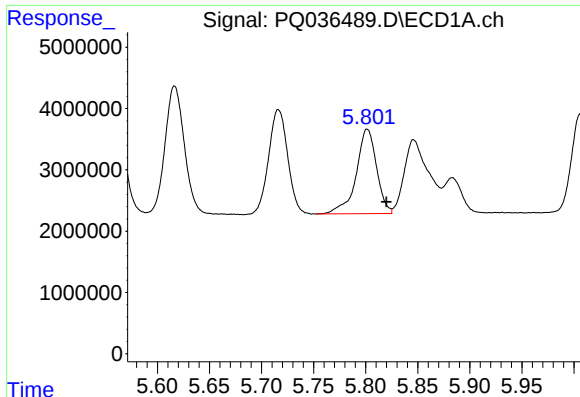
#14 AR-1232-4

R.T.: 5.716 min
Delta R.T.: -0.018 min
Response: 21809750
Conc: 567.42 ng/ml



#14 AR-1232-4

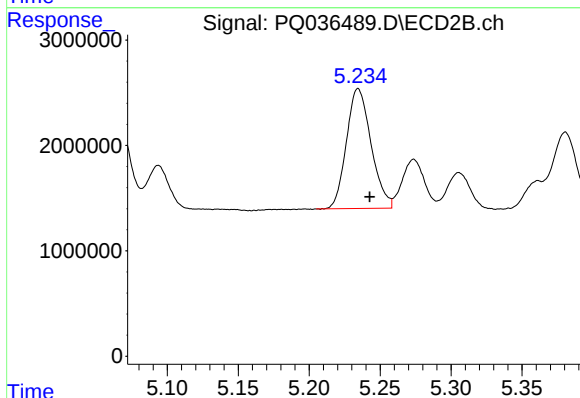
R.T.: 5.063 min
Delta R.T.: -0.008 min
Response: 13520857
Conc: 656.92 ng/ml



#15 AR-1232-5

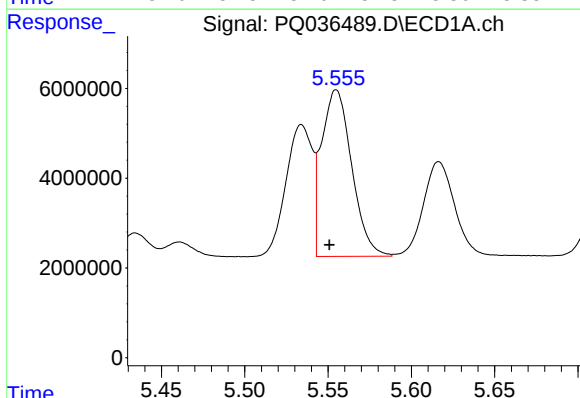
R.T.: 5.802 min
Delta R.T.: -0.018 min
Response: 18840042
Conc: 657.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116443BS



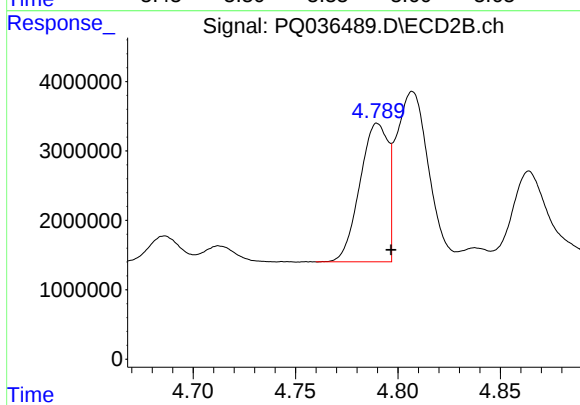
#15 AR-1232-5

R.T.: 5.235 min
Delta R.T.: -0.008 min
Response: 13759724
Conc: 627.43 ng/ml



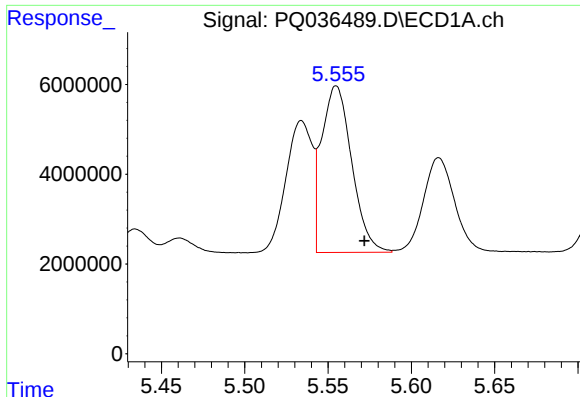
#16 AR-1242-1

R.T.: 5.555 min
Delta R.T.: 0.004 min
Response: 46755395
Conc: 470.28 ng/ml



#16 AR-1242-1

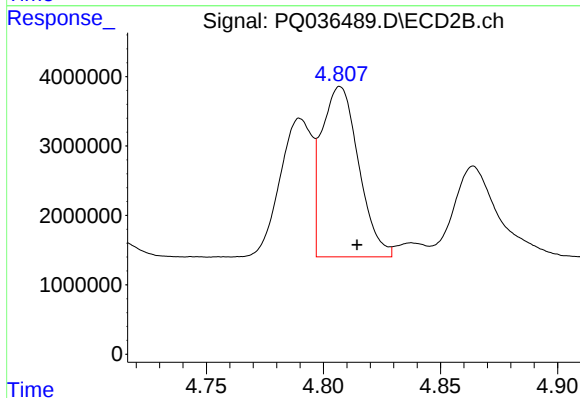
R.T.: 4.790 min
Delta R.T.: -0.007 min
Response: 19055109
Conc: 330.51 ng/ml



#17 AR-1242-2

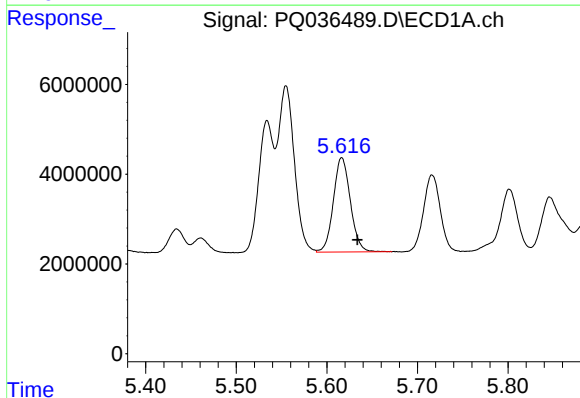
R.T.: 5.555 min
Delta R.T.: -0.017 min
Response: 46755395
Conc: 309.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116443BS



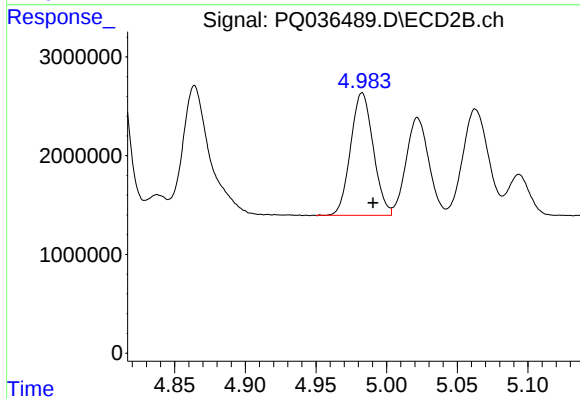
#17 AR-1242-2

R.T.: 4.807 min
Delta R.T.: -0.007 min
Response: 27023621
Conc: 331.37 ng/ml



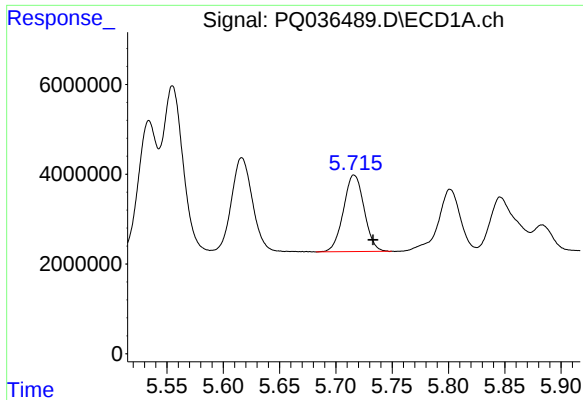
#18 AR-1242-3

R.T.: 5.616 min
Delta R.T.: -0.018 min
Response: 27452108
Conc: 309.53 ng/ml



#18 AR-1242-3

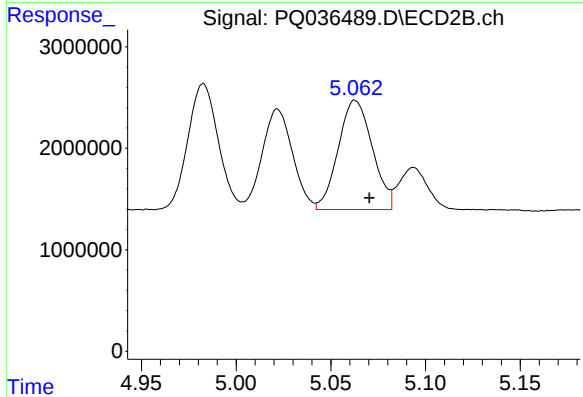
R.T.: 4.983 min
Delta R.T.: -0.008 min
Response: 13840479
Conc: 323.78 ng/ml



#19 AR-1242-4

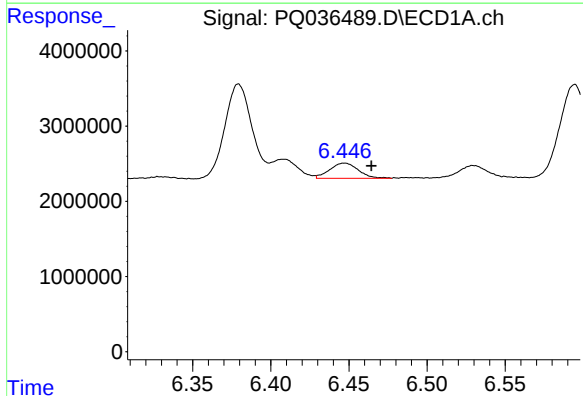
R.T.: 5.716 min
Delta R.T.: -0.017 min
Response: 21809750
Conc: 299.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116443BS



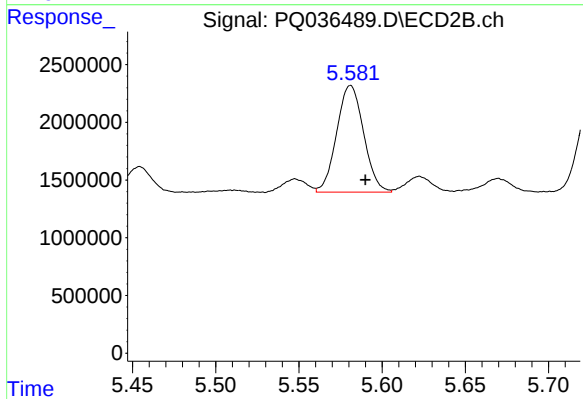
#19 AR-1242-4

R.T.: 5.063 min
Delta R.T.: -0.007 min
Response: 13520857
Conc: 317.74 ng/ml



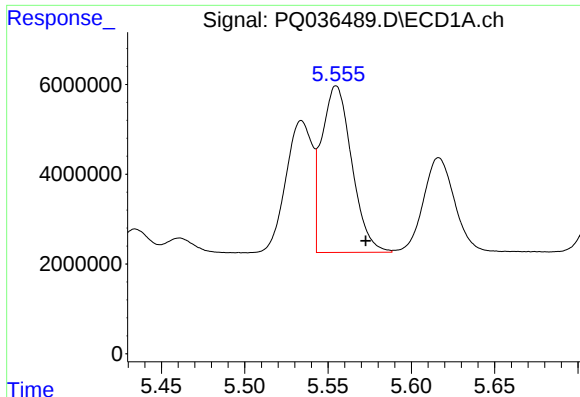
#20 AR-1242-5

R.T.: 6.447 min
Delta R.T.: -0.017 min
Response: 2564063
Conc: 32.31 ng/ml



#20 AR-1242-5

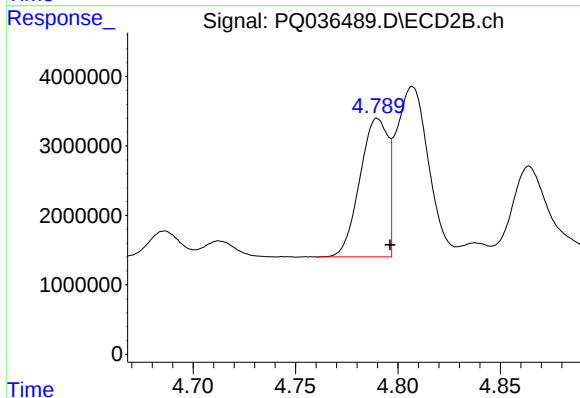
R.T.: 5.581 min
Delta R.T.: -0.009 min
Response: 10439102
Conc: 192.19 ng/ml



#21 AR-1248-1

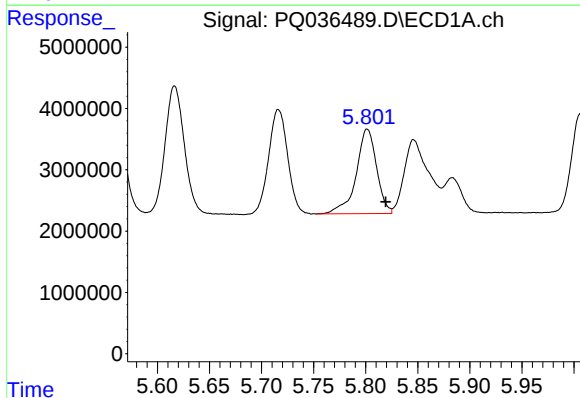
R.T.: 5.555 min
Delta R.T.: -0.018 min
Response: 46755395
Conc: 467.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116443BS



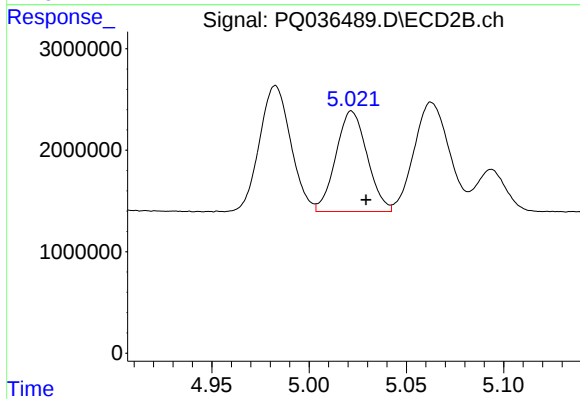
#21 AR-1248-1

R.T.: 4.790 min
Delta R.T.: -0.006 min
Response: 19055109
Conc: 406.04 ng/ml



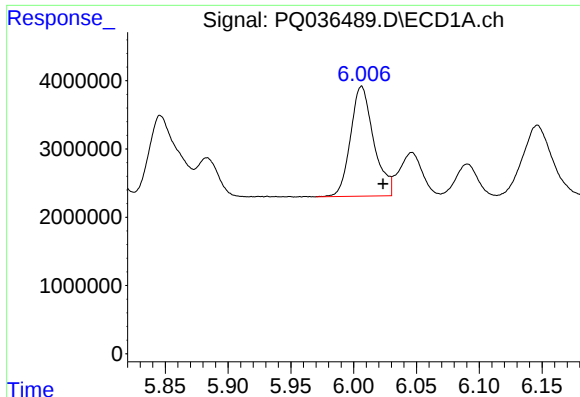
#22 AR-1248-2

R.T.: 5.802 min
Delta R.T.: -0.018 min
Response: 18840042
Conc: 168.66 ng/ml



#22 AR-1248-2

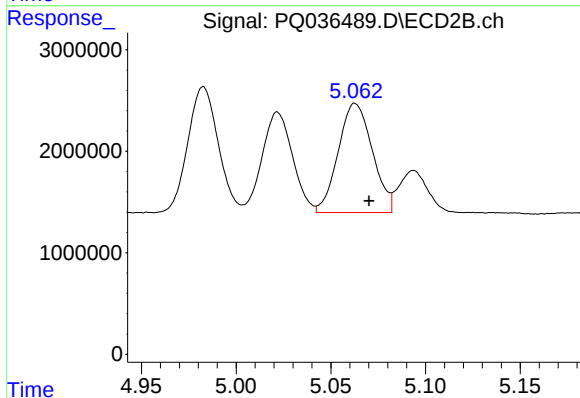
R.T.: 5.022 min
Delta R.T.: -0.007 min
Response: 11107476
Conc: 176.98 ng/ml



#23 AR-1248-3

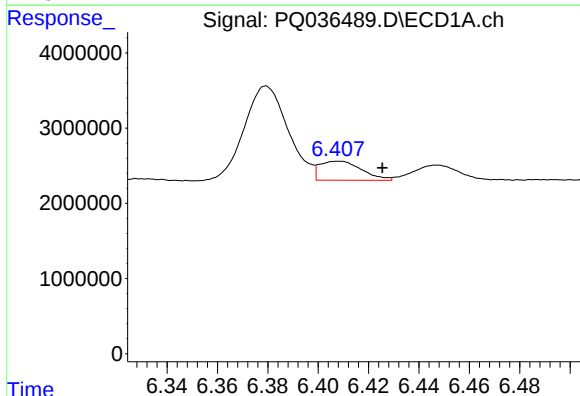
R.T.: 6.006 min
Delta R.T.: -0.017 min
Response: 20679185
Conc: 165.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116443BS



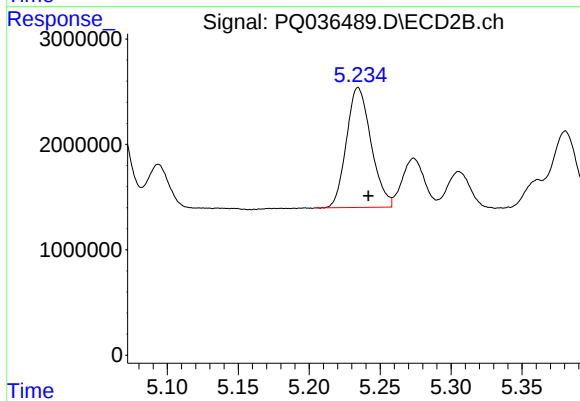
#23 AR-1248-3

R.T.: 5.063 min
Delta R.T.: -0.007 min
Response: 13520857
Conc: 210.44 ng/ml



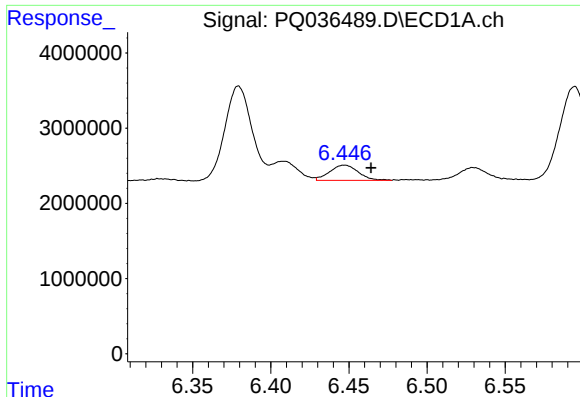
#24 AR-1248-4

R.T.: 6.408 min
Delta R.T.: -0.017 min
Response: 2923003
Conc: 20.50 ng/ml



#24 AR-1248-4

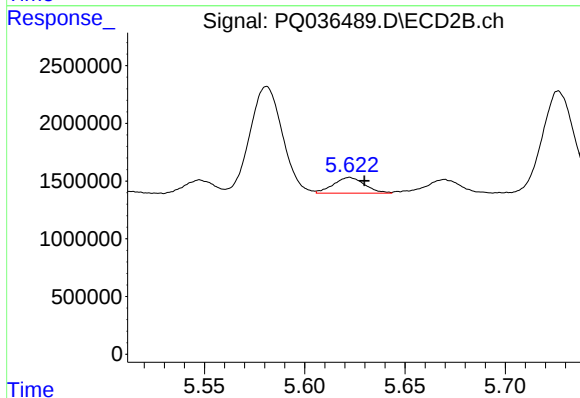
R.T.: 5.235 min
Delta R.T.: -0.007 min
Response: 13759724
Conc: 179.13 ng/ml



#25 AR-1248-5

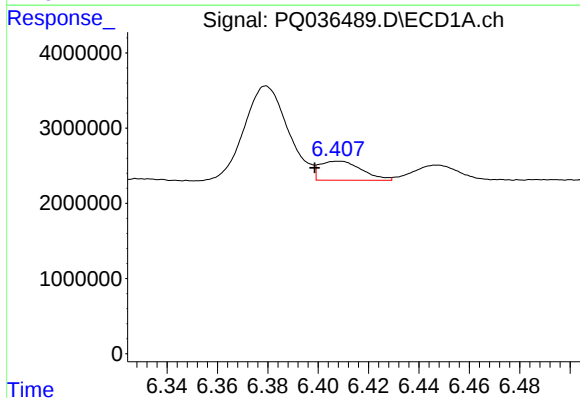
R.T.: 6.447 min
Delta R.T.: -0.017 min
Response: 2564063
Conc: 18.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116443BS



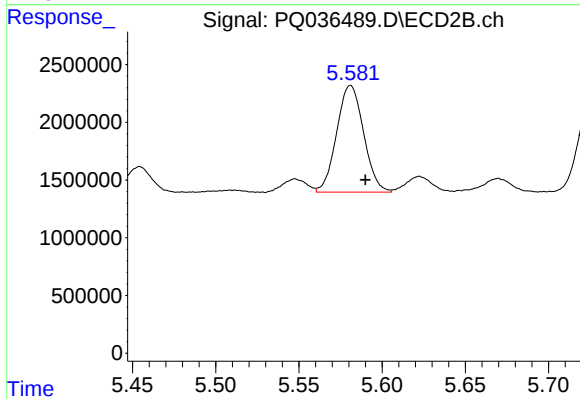
#25 AR-1248-5

R.T.: 5.622 min
Delta R.T.: -0.007 min
Response: 1472771
Conc: 19.30 ng/ml



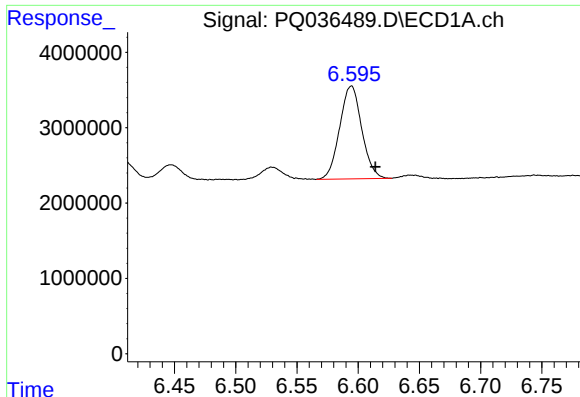
#26 AR-1254-1

R.T.: 6.408 min
Delta R.T.: 0.010 min
Response: 2923003
Conc: 21.50 ng/ml



#26 AR-1254-1

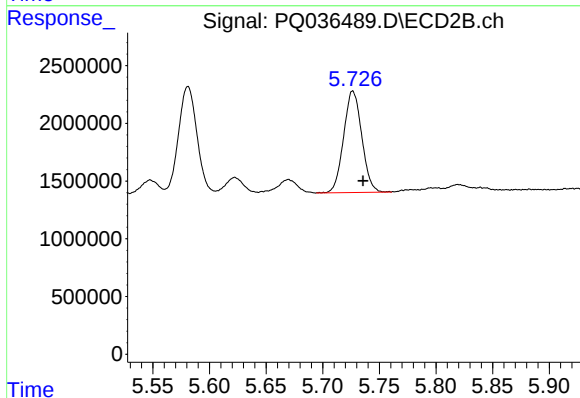
R.T.: 5.581 min
Delta R.T.: -0.009 min
Response: 10439102
Conc: 99.81 ng/ml



#27 AR-1254-2

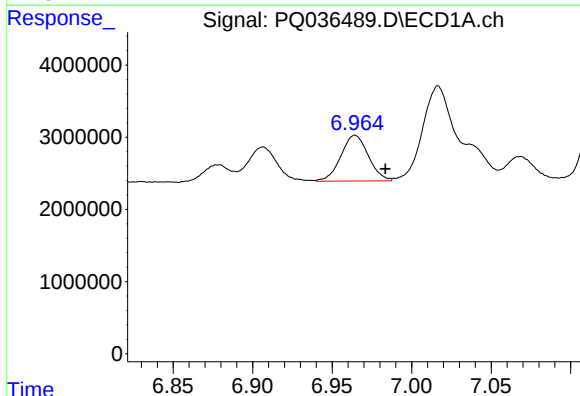
R.T.: 6.594 min
Delta R.T.: -0.020 min
Response: 15500362
Conc: 72.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116443BS



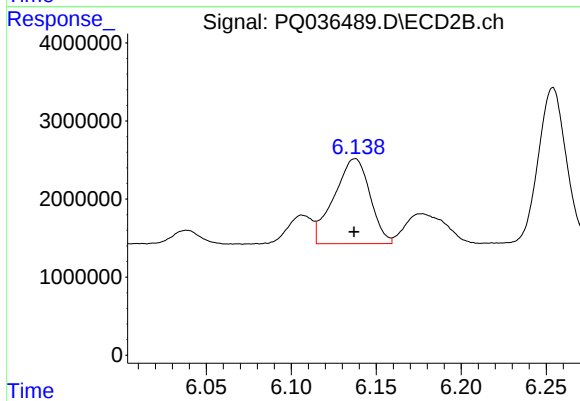
#27 AR-1254-2

R.T.: 5.727 min
Delta R.T.: -0.009 min
Response: 9822705
Conc: 107.49 ng/ml



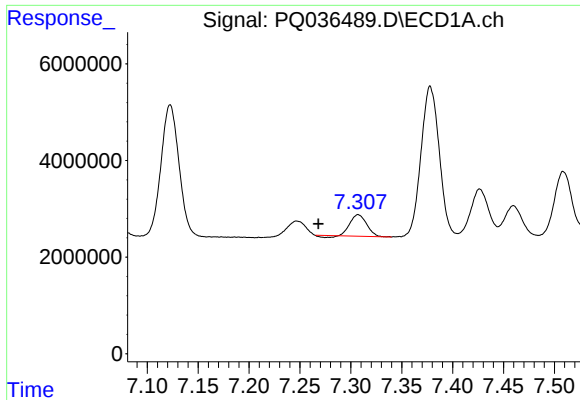
#28 AR-1254-3

R.T.: 6.964 min
Delta R.T.: -0.019 min
Response: 7658228
Conc: 32.63 ng/ml



#28 AR-1254-3

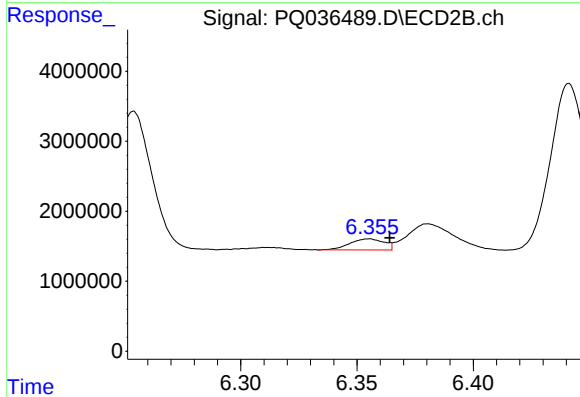
R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 16022771
Conc: 100.64 ng/ml



#29 AR-1254-4

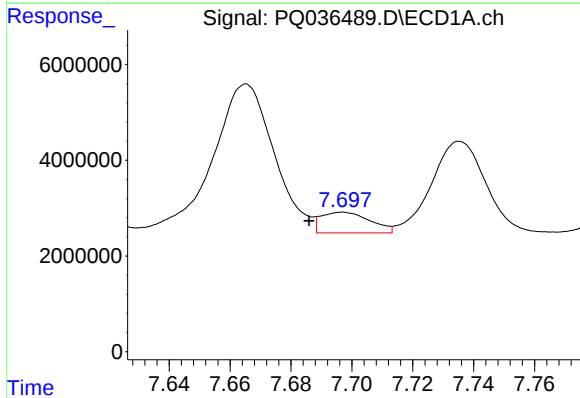
R.T.: 7.307 min
Delta R.T.: 0.039 min
Response: 4942798
Conc: 27.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116443BS



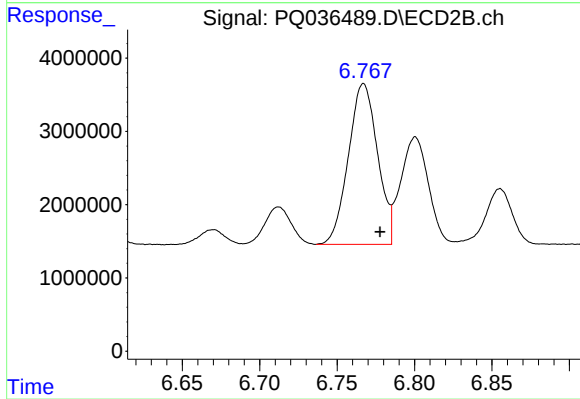
#29 AR-1254-4

R.T.: 6.355 min
Delta R.T.: -0.009 min
Response: 1618004
Conc: 15.41 ng/ml



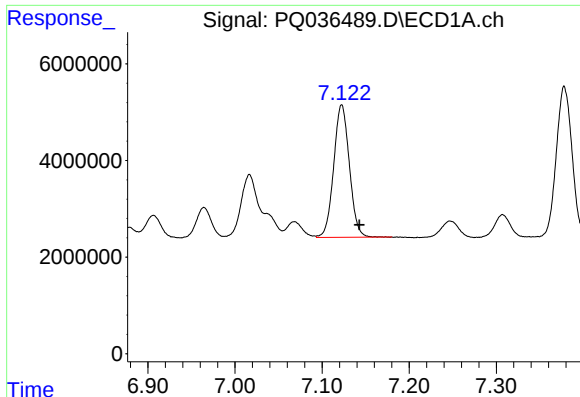
#30 AR-1254-5

R.T.: 7.697 min
Delta R.T.: 0.011 min
Response: 4839304
Conc: 23.63 ng/ml



#30 AR-1254-5

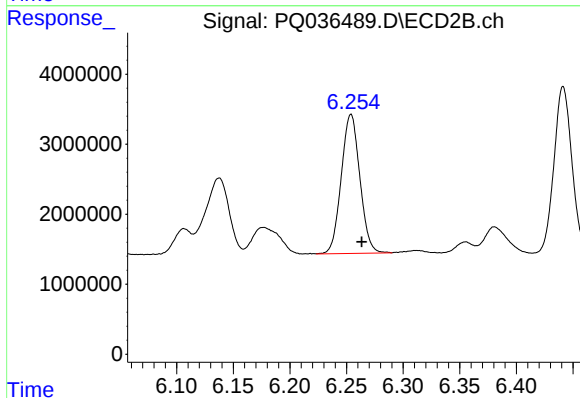
R.T.: 6.767 min
Delta R.T.: -0.011 min
Response: 28750443
Conc: 197.94 ng/ml



#31 AR-1260-1

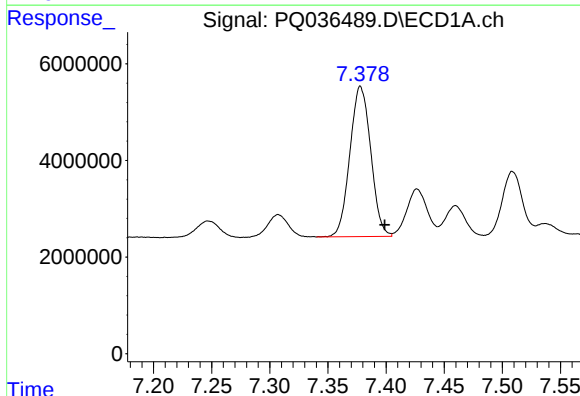
R.T.: 7.123 min
Delta R.T.: -0.020 min
Response: 34290796
Conc: 180.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116443BS



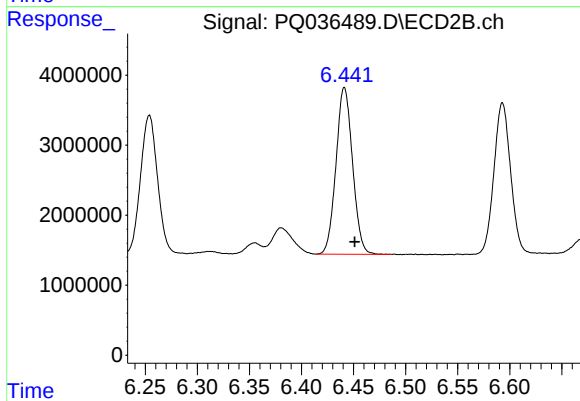
#31 AR-1260-1

R.T.: 6.254 min
Delta R.T.: -0.010 min
Response: 22699412
Conc: 190.63 ng/ml



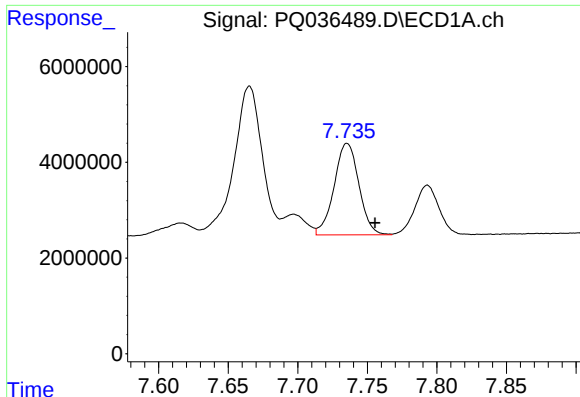
#32 AR-1260-2

R.T.: 7.378 min
Delta R.T.: -0.021 min
Response: 38854982
Conc: 169.31 ng/ml



#32 AR-1260-2

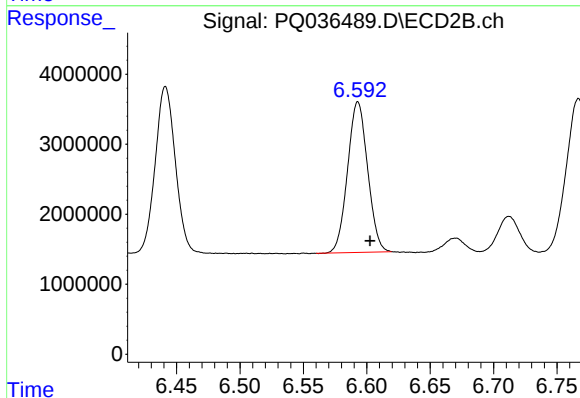
R.T.: 6.441 min
Delta R.T.: -0.010 min
Response: 26363310
Conc: 183.63 ng/ml



#33 AR-1260-3

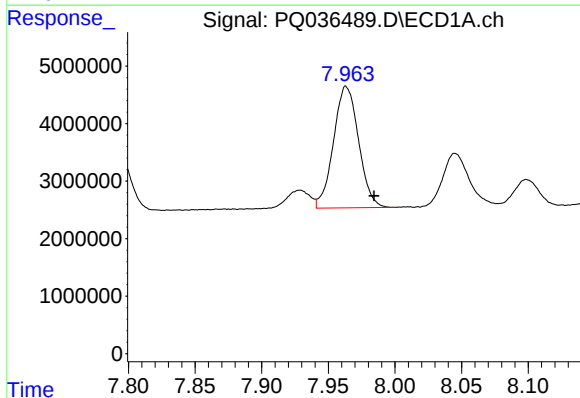
R.T.: 7.735 min
Delta R.T.: -0.020 min
Response: 23695356
Conc: 168.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116443BS



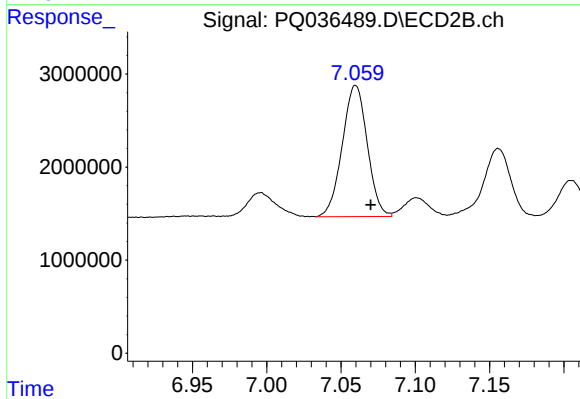
#33 AR-1260-3

R.T.: 6.593 min
Delta R.T.: -0.010 min
Response: 23688319
Conc: 179.41 ng/ml



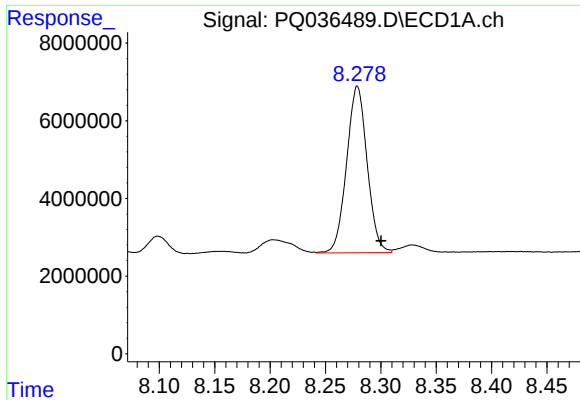
#34 AR-1260-4

R.T.: 7.963 min
Delta R.T.: -0.021 min
Response: 27695263
Conc: 160.62 ng/ml



#34 AR-1260-4

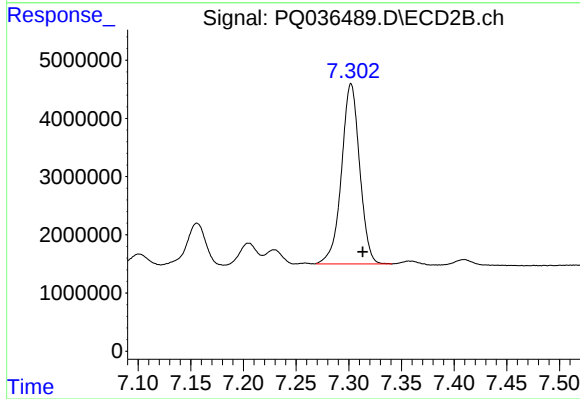
R.T.: 7.060 min
Delta R.T.: -0.010 min
Response: 16530260
Conc: 183.89 ng/ml



#35 AR-1260-5

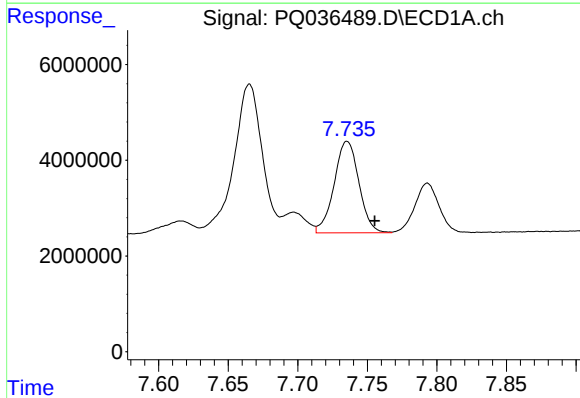
R.T.: 8.279 min
Delta R.T.: -0.021 min
Response: 55349558
Conc: 164.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116443BS



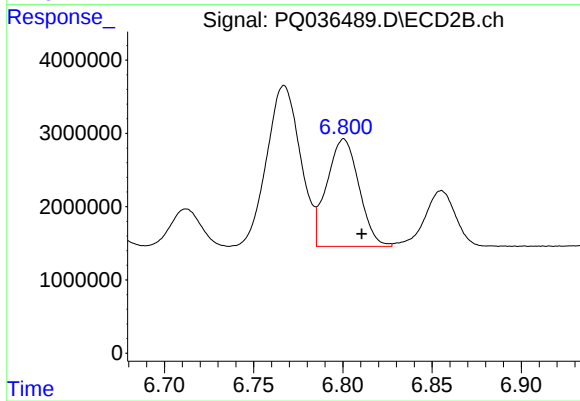
#35 AR-1260-5

R.T.: 7.302 min
Delta R.T.: -0.011 min
Response: 37182827
Conc: 168.30 ng/ml



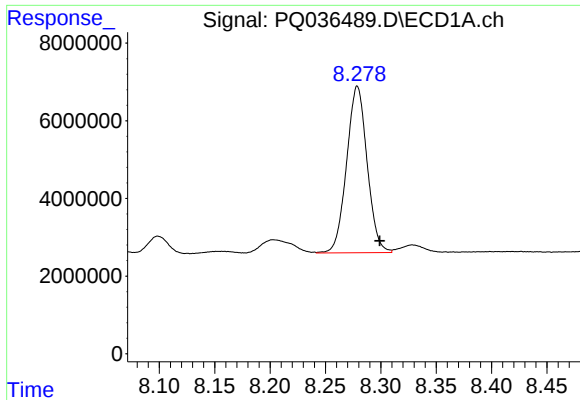
#36 AR-1262-1

R.T.: 7.735 min
Delta R.T.: -0.020 min
Response: 23695356
Conc: 101.11 ng/ml



#36 AR-1262-1

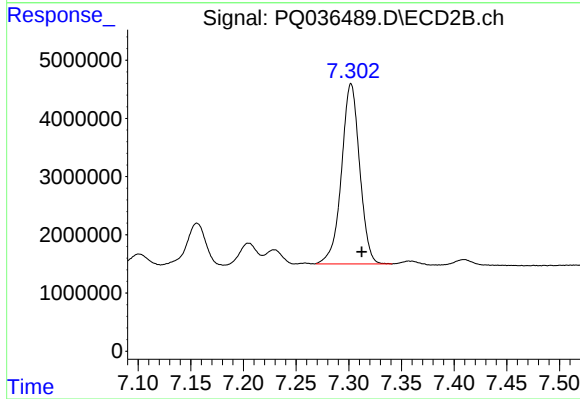
R.T.: 6.801 min
Delta R.T.: -0.010 min
Response: 18342565
Conc: 118.98 ng/ml



#37 AR-1262-2

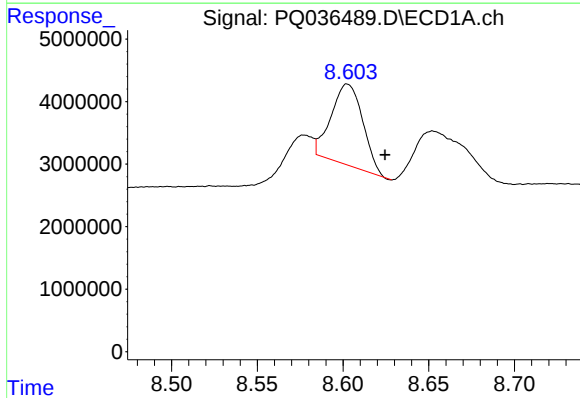
R.T.: 8.279 min
Delta R.T.: -0.020 min
Response: 55349558
Conc: 129.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116443BS



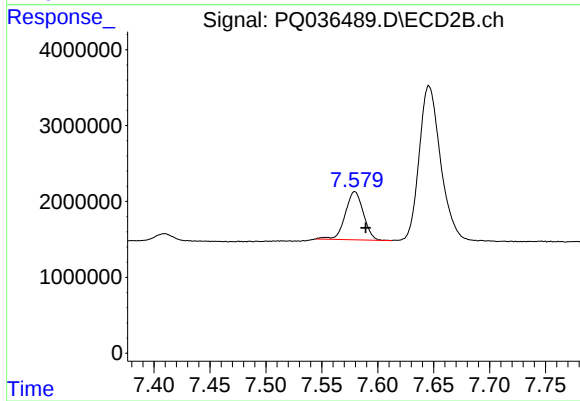
#37 AR-1262-2

R.T.: 7.302 min
Delta R.T.: -0.010 min
Response: 37182827
Conc: 133.57 ng/ml



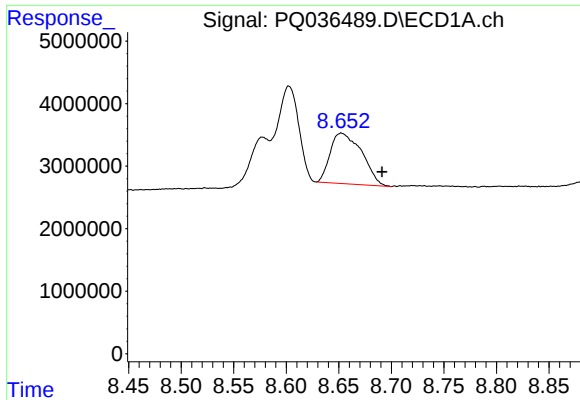
#38 AR-1262-3

R.T.: 8.603 min
Delta R.T.: -0.022 min
Response: 16644833
Conc: 178.86 ng/ml



#38 AR-1262-3

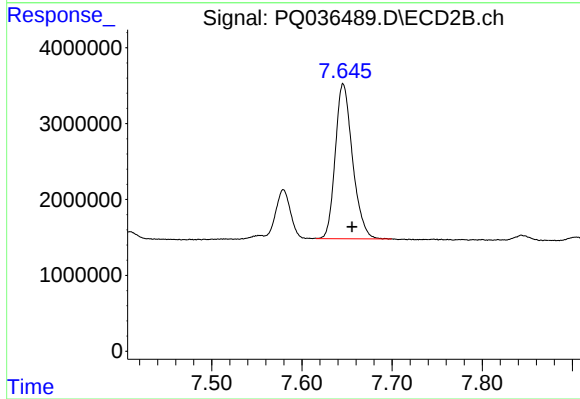
R.T.: 7.580 min
Delta R.T.: -0.010 min
Response: 7145499
Conc: 68.93 ng/ml



#39 AR-1262-4

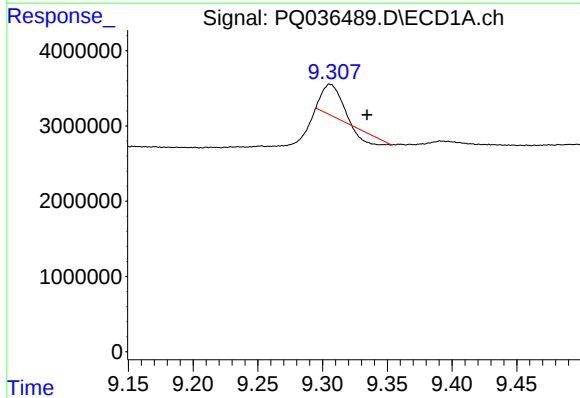
R.T.: 8.652 min
Delta R.T.: -0.039 min
Response: 16876665
Conc: 81.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116443BS



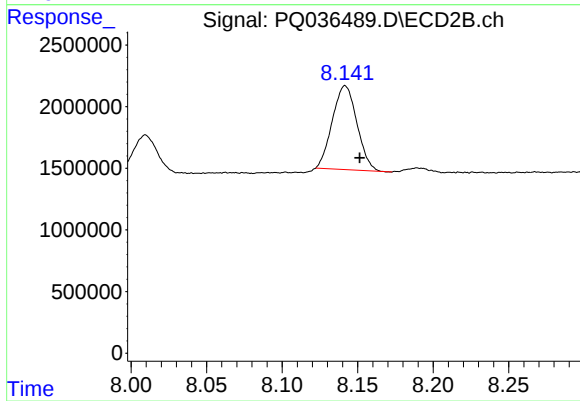
#39 AR-1262-4

R.T.: 7.646 min
Delta R.T.: -0.010 min
Response: 27107796
Conc: 136.21 ng/ml



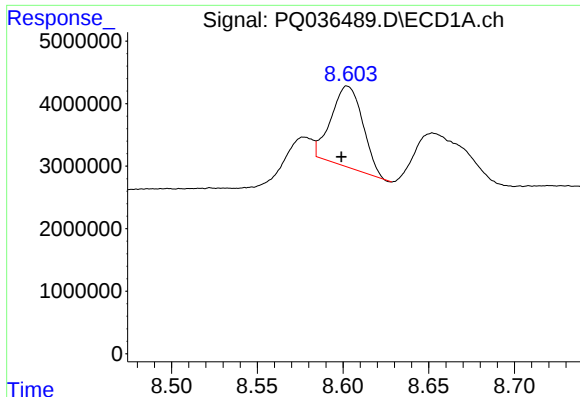
#40 AR-1262-5

R.T.: 9.306 min
Delta R.T.: -0.029 min
Response: 2833075
Conc: 19.50 ng/ml



#40 AR-1262-5

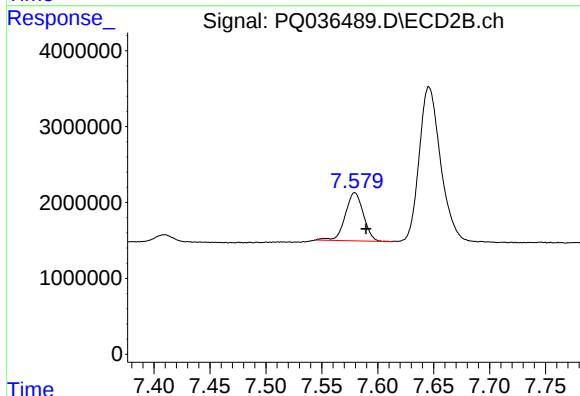
R.T.: 8.142 min
Delta R.T.: -0.009 min
Response: 7723926
Conc: 87.84 ng/ml



#41 AR-1268-1

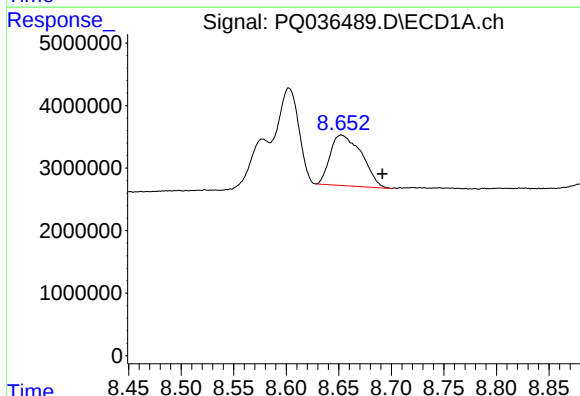
R.T.: 8.603 min
Delta R.T.: 0.003 min
Response: 16644833
Conc: 32.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116443BS



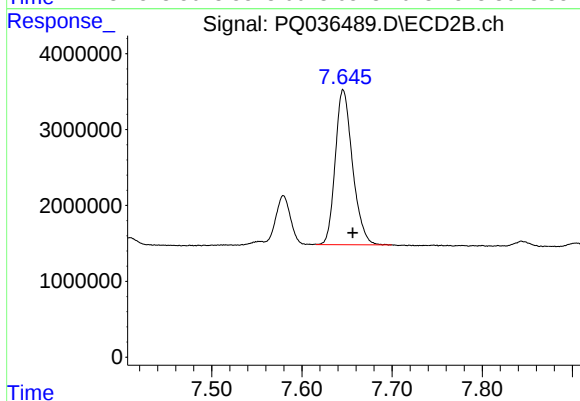
#41 AR-1268-1

R.T.: 7.580 min
Delta R.T.: -0.010 min
Response: 7145499
Conc: 22.49 ng/ml



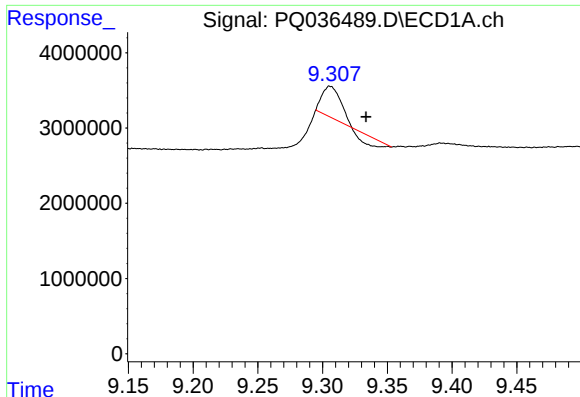
#42 AR-1268-2

R.T.: 8.652 min
Delta R.T.: -0.039 min
Response: 16876665
Conc: 35.29 ng/ml



#42 AR-1268-2

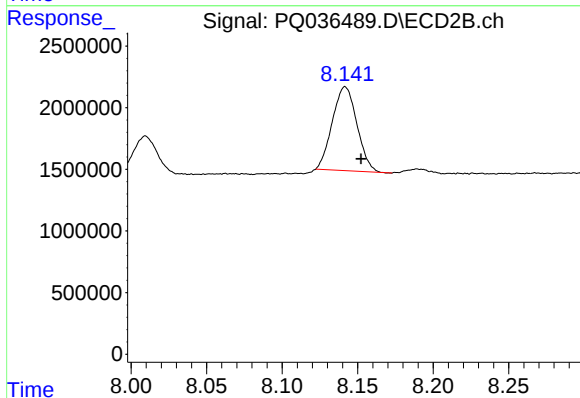
R.T.: 7.646 min
Delta R.T.: -0.010 min
Response: 27107796
Conc: 94.14 ng/ml



#44 AR-1268-4

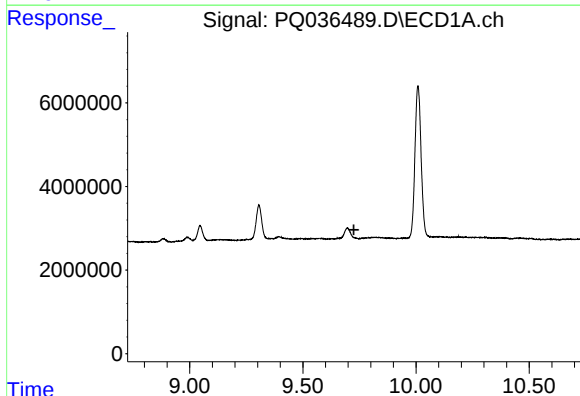
R.T.: 9.306 min
Delta R.T.: -0.028 min
Response: 2833075
Conc: 17.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB116443BS



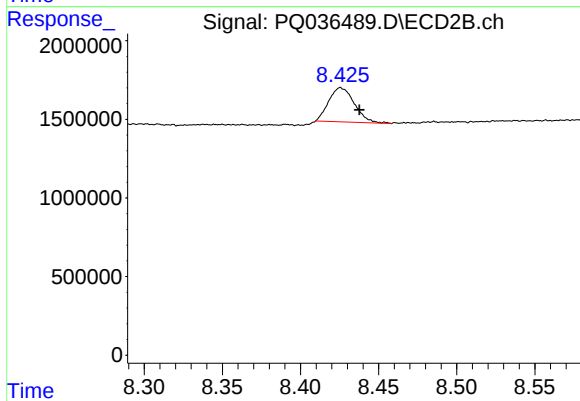
#44 AR-1268-4

R.T.: 8.142 min
Delta R.T.: -0.011 min
Response: 7723926
Conc: 77.69 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.725 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.426 min
Delta R.T.: -0.012 min
Response: 2483830
Conc: 3.30 ng/ml