

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080819\
 Data File : PQ042143.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Aug 2019 04:38
 Operator : SM\AJ
 Sample : K4212-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETP31

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 08 07:45:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	5.679	4.741	58580796	53416466	25.543	27.717
2)	SA Decachlor...	12.061	10.486	332.5E6	252.7E6	39.441	52.232 #
Target Compounds							
3)	L1 AR-1016-1	7.125	6.192	16265636	16910302	150.491	162.961
4)	L1 AR-1016-2	7.151	6.214	18968899	18437278	121.186	128.690
5)	L1 AR-1016-3	7.301	6.428	7792153	6352268	80.557	85.183
6)	L1 AR-1016-4	7.333	6.483	5976208	32000451	76.604	516.051 #
7)	L1 AR-1016-5	7.666	6.735	24650896	29434756	313.584	361.591
12)	L3 AR-1232-2	0.000	6.214	0	18437278	N.D.	323.303 #
13)	L3 AR-1232-3	7.151	6.428	18968899	6352268	284.121	213.024 #
14)	L3 AR-1232-4	7.333	6.568	5976208	14345924	186.310	537.367 #
15)	L3 AR-1232-5	7.438	6.735	29165281	29434756	1357.139	1003.704 #
16)	L4 AR-1242-1	7.125	6.192	16265636	16910302	181.842	206.627
17)	L4 AR-1242-2	7.151	6.214	18968899	18437278	147.513	163.252
18)	L4 AR-1242-3	7.301	6.428	7792153	6352268	96.097	107.533
19)	L4 AR-1242-4	7.333	6.568	5976208	14345924	92.960	241.932 #
20)	L4 AR-1242-5	8.155	7.142	151.2E6	152.5E6	1703.870	1717.042
21)	L5 AR-1248-1	7.125	6.192	16265636	16910302	219.402	255.042
22)	L5 AR-1248-2	7.438	6.483	29165281	32000451	316.110	367.029
23)	L5 AR-1248-3	7.666	6.568	24650896	14345924	220.016	160.728 #
24)	L5 AR-1248-4	8.155	6.735	151.2E6	29434756	966.865	267.245 #
25)	L5 AR-1248-5	8.155	7.225	151.2E6	11234293	999.036	87.648 #
26)	L6 AR-1254-1	8.082	7.142	94130274	152.5E6	676.638	833.659
27)	L6 AR-1254-2	8.323	7.311	181.2E6	54645202	791.549	337.584 #
28)	L6 AR-1254-3	8.721	7.779	180.0E6	115.2E6	658.299	399.514 #
29)	L6 AR-1254-4	9.059	8.007	157.3E6	108.3E6	638.955	498.742
30)	L6 AR-1254-5	9.477	8.483	568.4E6	80873389	2098.729	268.889 #
31)	L7 AR-1260-1	8.887	7.897	31533289	59117541	177.268	325.843 #
32)	L7 AR-1260-2	9.205	8.103	18390296	33778281	72.898	137.682 #
33)	L7 AR-1260-3	9.528	8.266	23686574	30282575	103.374	142.320 #
34)	L7 AR-1260-4	9.768	8.803	40882361	30482503	160.108	150.688
35)	L7 AR-1260-5	10.119	9.015	40492373	36756263	60.114	62.278
36)	L8 AR-1262-1	9.593	8.546	7892768	10553403	51.353	73.561 #
37)	L8 AR-1262-2	10.119	9.015	40492373	36756263	46.255	49.600
38)	L8 AR-1262-3	10.473	9.308	32570073	5789325	51.291	18.299 #
39)	L8 AR-1262-4	10.549	9.374	7037398	31976930	14.055	56.861 #
40)	L8 AR-1262-5	11.259	9.895	15436596	13840482	37.918	48.460 #
41)	L9 AR-1268-1	10.473	9.308	32570073	5789325	22.863	5.064 #
42)	L9 AR-1268-2	10.549	9.374	7037398	31976930	5.336	31.150 #
43)	L9 AR-1268-3	0.000	9.585	0	2430163	N.D.	2.797 #
44)	L9 AR-1268-4	11.259	9.895	15436596	13840482	28.354	35.980 #
45)	L9 AR-1268-5	11.700	10.210	7685417	5165384	1.896	1.989

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Misc :
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Integration File signal 1: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 2019
Response via : Initial Calibration
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

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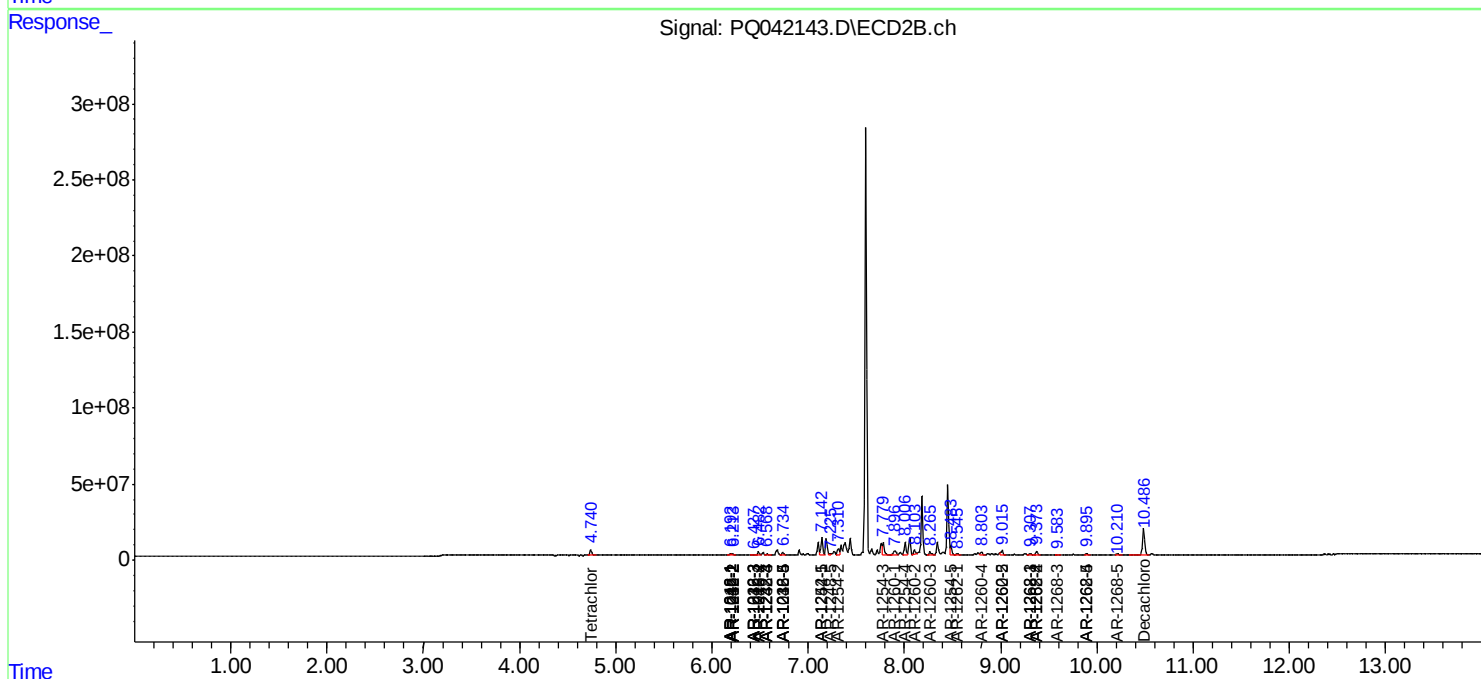
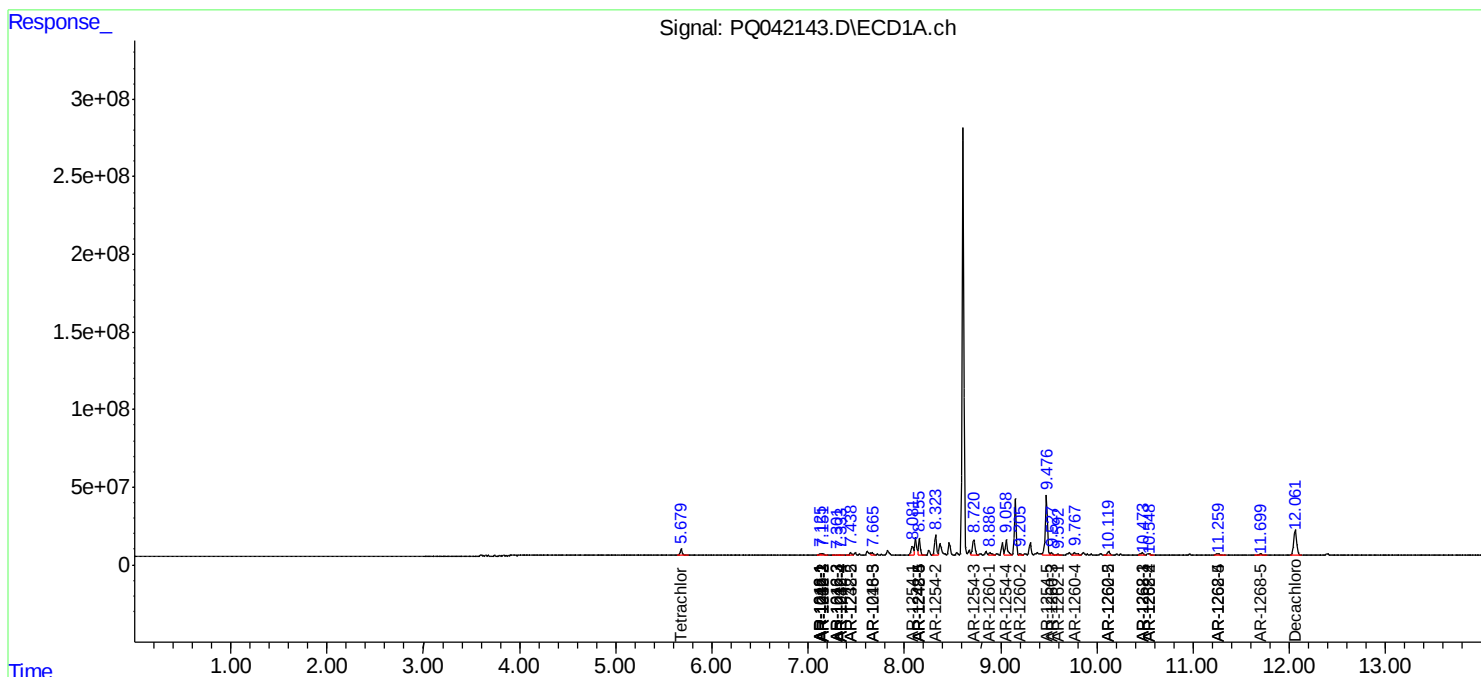
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

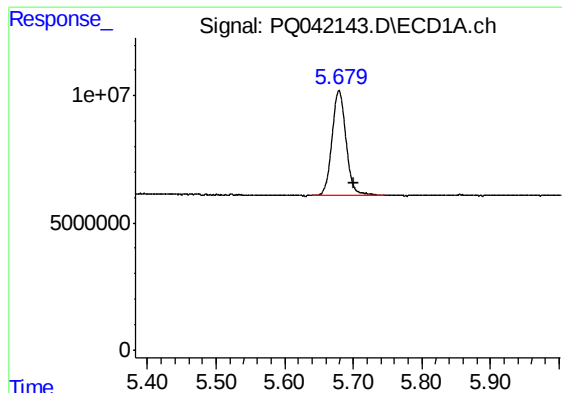
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080819\
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

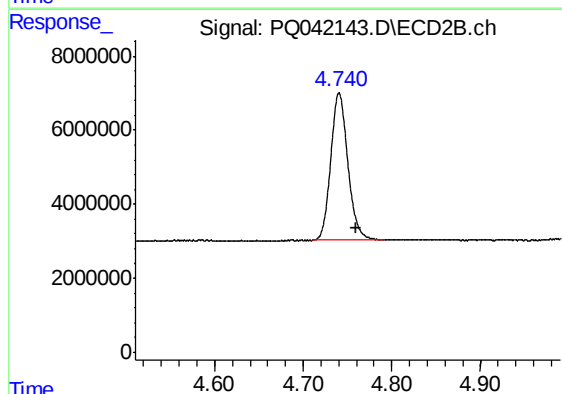




#1 Tetrachloro-m-xylene

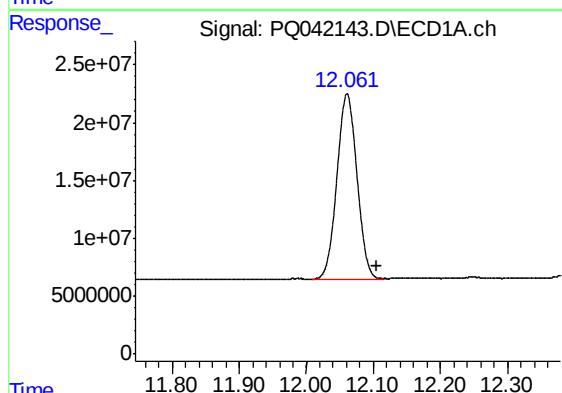
R.T.: 5.679 min
Delta R.T.: -0.022 min
Response: 58580796
Conc: 25.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP31



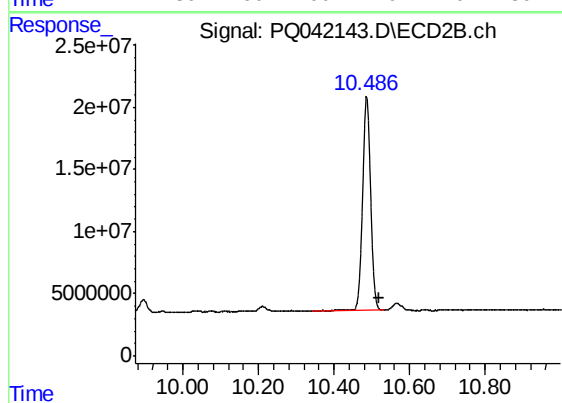
#1 Tetrachloro-m-xylene

R.T.: 4.741 min
Delta R.T.: -0.019 min
Response: 53416466
Conc: 27.72 ng/ml



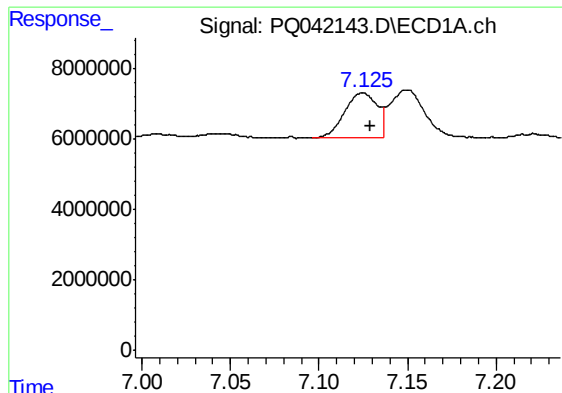
#2 Decachlorobiphenyl

R.T.: 12.061 min
Delta R.T.: -0.045 min
Response: 332537093
Conc: 39.44 ng/ml



#2 Decachlorobiphenyl

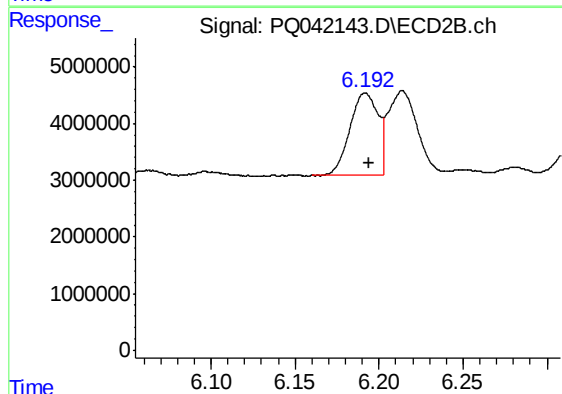
R.T.: 10.486 min
Delta R.T.: -0.033 min
Response: 252666446
Conc: 52.23 ng/ml



#3 AR-1016-1

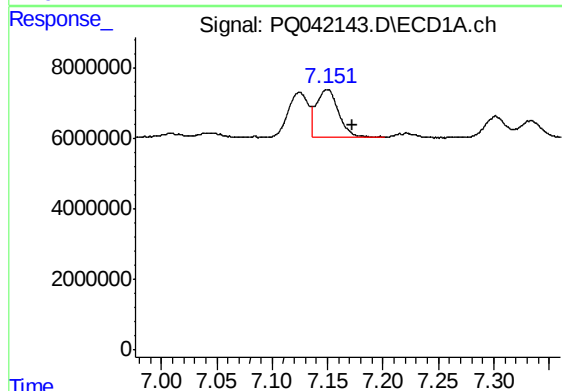
R.T.: 7.125 min
Delta R.T.: -0.004 min
Response: 16265636
Conc: 150.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP31



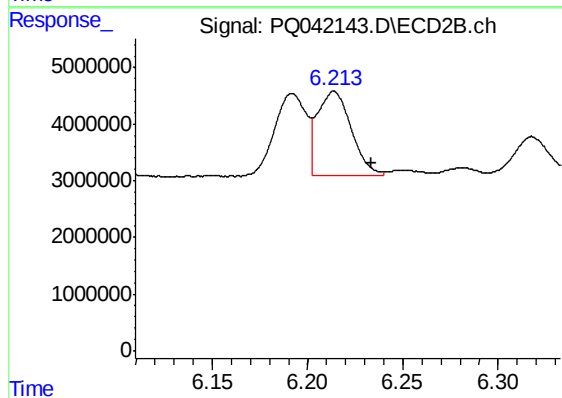
#3 AR-1016-1

R.T.: 6.192 min
Delta R.T.: -0.002 min
Response: 16910302
Conc: 162.96 ng/ml



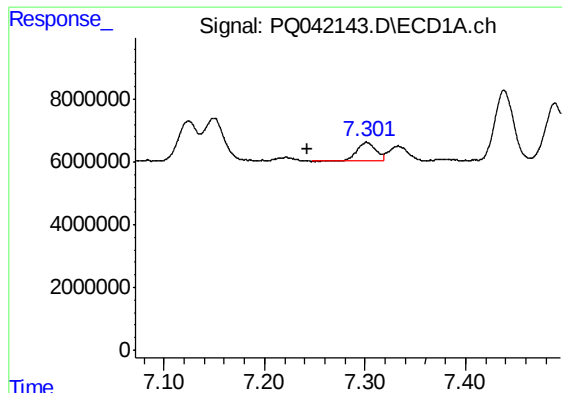
#4 AR-1016-2

R.T.: 7.151 min
Delta R.T.: -0.021 min
Response: 18968899
Conc: 121.19 ng/ml



#4 AR-1016-2

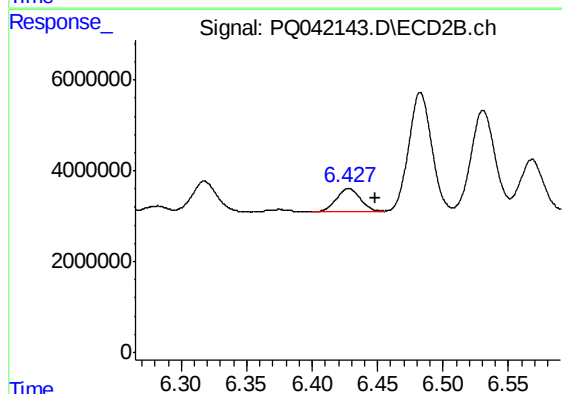
R.T.: 6.214 min
Delta R.T.: -0.020 min
Response: 18437278
Conc: 128.69 ng/ml



#5 AR-1016-3

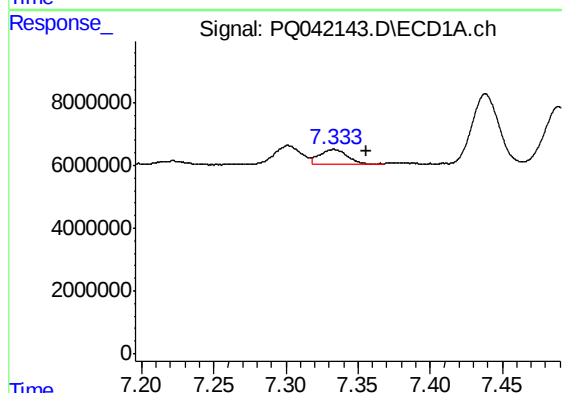
R.T.: 7.301 min
Delta R.T.: 0.059 min
Response: 7792153
Conc: 80.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP31



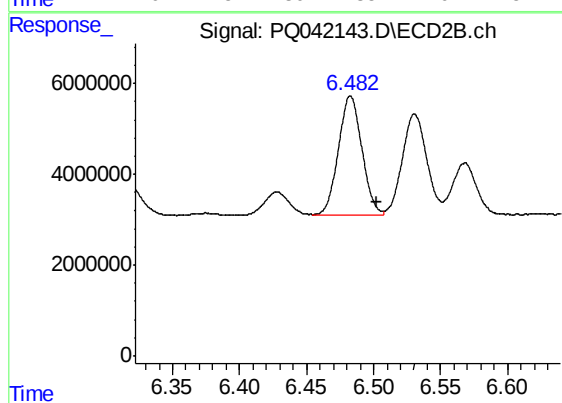
#5 AR-1016-3

R.T.: 6.428 min
Delta R.T.: -0.021 min
Response: 6352268
Conc: 85.18 ng/ml



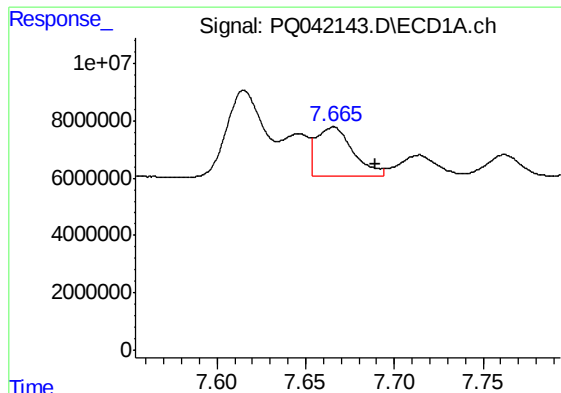
#6 AR-1016-4

R.T.: 7.333 min
Delta R.T.: -0.023 min
Response: 5976208
Conc: 76.60 ng/ml



#6 AR-1016-4

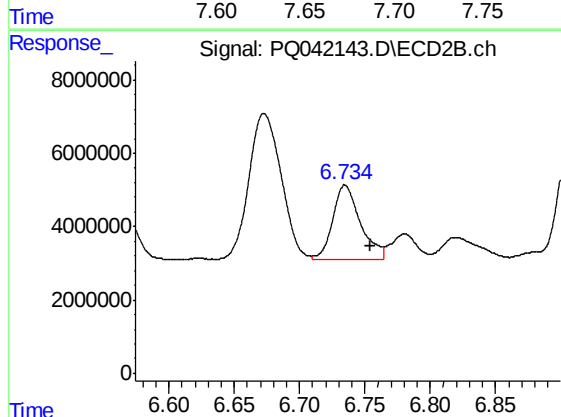
R.T.: 6.483 min
Delta R.T.: -0.019 min
Response: 32000451
Conc: 516.05 ng/ml



#7 AR-1016-5

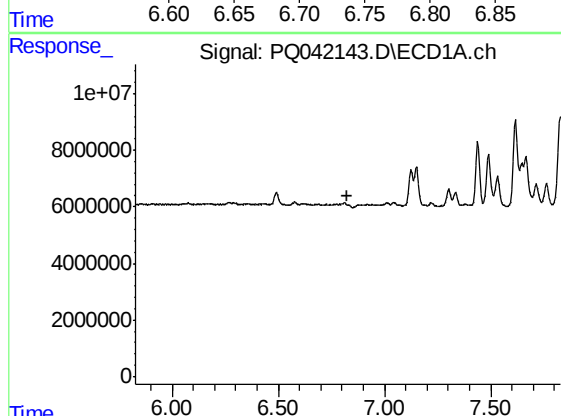
R.T.: 7.666 min
Delta R.T.: -0.024 min
Response: 24650896
Conc: 313.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP31



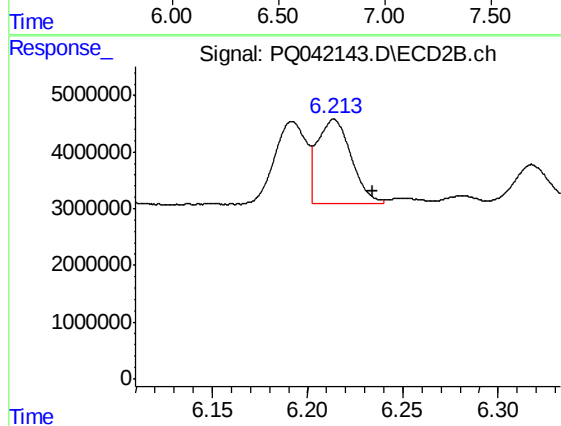
#7 AR-1016-5

R.T.: 6.735 min
Delta R.T.: -0.020 min
Response: 29434756
Conc: 361.59 ng/ml



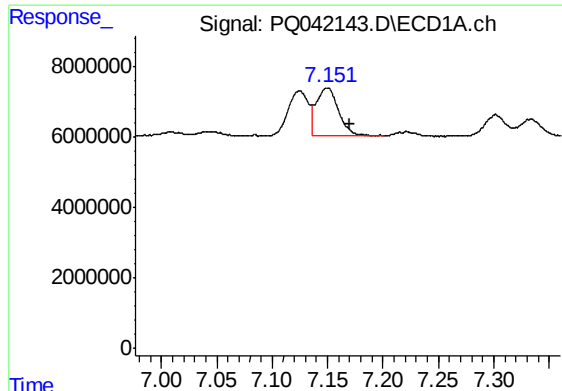
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.828 min
Response: 0
Conc: N.D.



#12 AR-1232-2

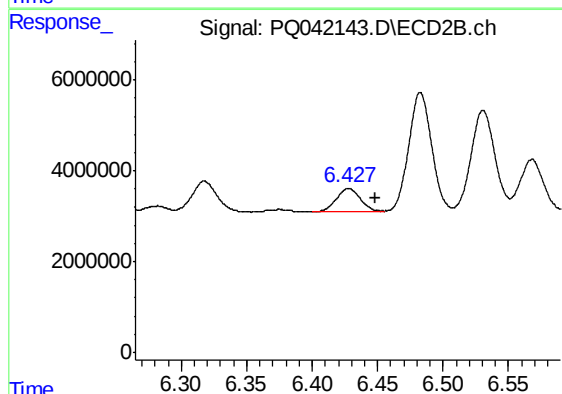
R.T.: 6.214 min
Delta R.T.: -0.020 min
Response: 18437278
Conc: 323.30 ng/ml



#13 AR-1232-3

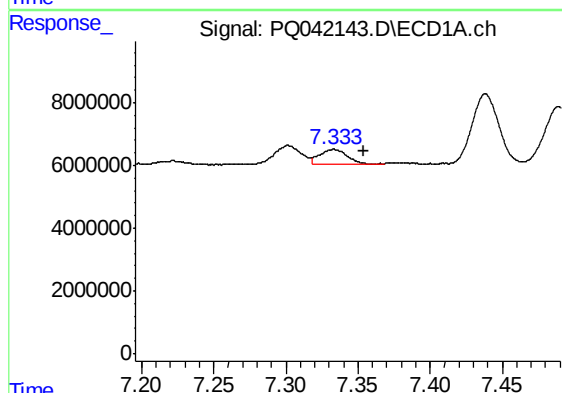
R.T.: 7.151 min
Delta R.T.: -0.019 min
Response: 18968899
Conc: 284.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP31



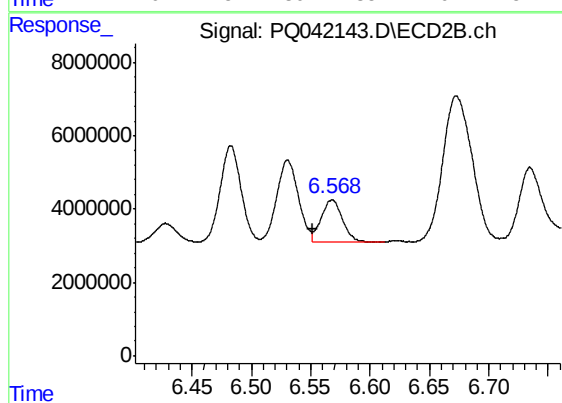
#13 AR-1232-3

R.T.: 6.428 min
Delta R.T.: -0.020 min
Response: 6352268
Conc: 213.02 ng/ml



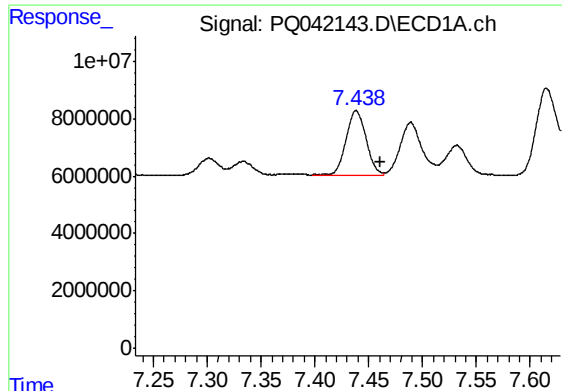
#14 AR-1232-4

R.T.: 7.333 min
Delta R.T.: -0.021 min
Response: 5976208
Conc: 186.31 ng/ml



#14 AR-1232-4

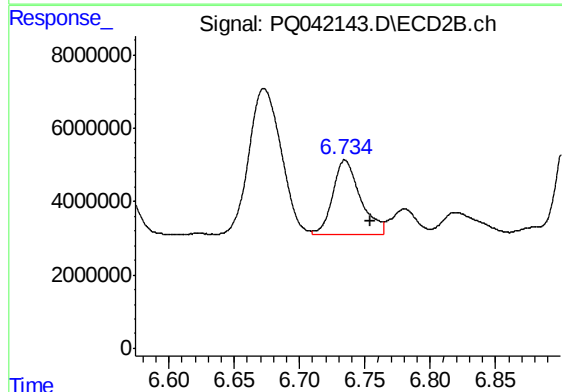
R.T.: 6.568 min
Delta R.T.: 0.017 min
Response: 14345924
Conc: 537.37 ng/ml



#15 AR-1232-5

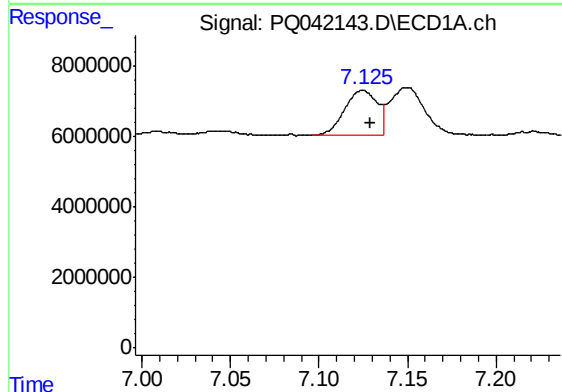
R.T.: 7.438 min
Delta R.T.: -0.023 min
Response: 29165281
Conc: 1357.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP31



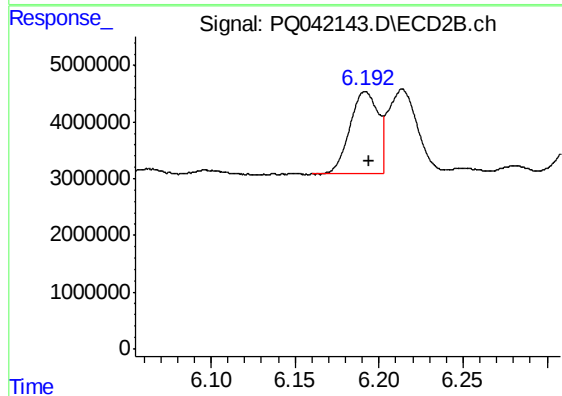
#15 AR-1232-5

R.T.: 6.735 min
Delta R.T.: -0.020 min
Response: 29434756
Conc: 1003.70 ng/ml



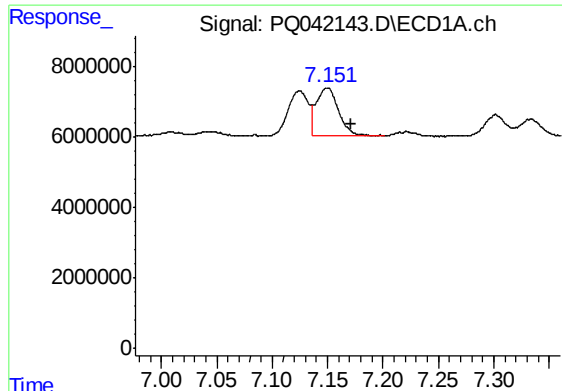
#16 AR-1242-1

R.T.: 7.125 min
Delta R.T.: -0.004 min
Response: 16265636
Conc: 181.84 ng/ml



#16 AR-1242-1

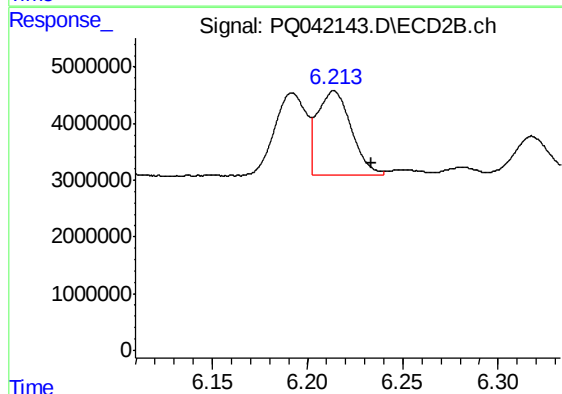
R.T.: 6.192 min
Delta R.T.: -0.002 min
Response: 16910302
Conc: 206.63 ng/ml



#17 AR-1242-2

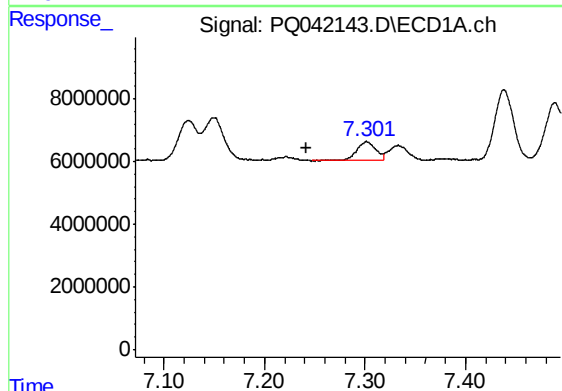
R.T.: 7.151 min
Delta R.T.: -0.021 min
Response: 18968899
Conc: 147.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP31



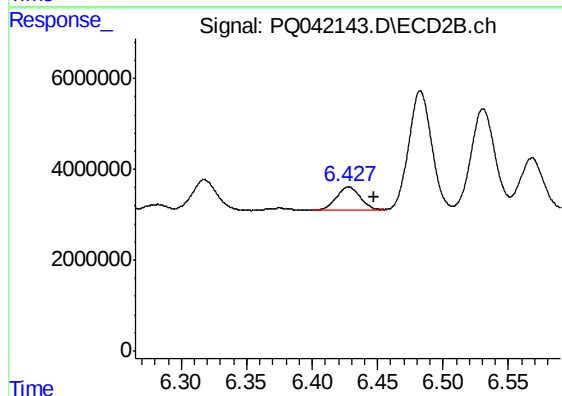
#17 AR-1242-2

R.T.: 6.214 min
Delta R.T.: -0.020 min
Response: 18437278
Conc: 163.25 ng/ml



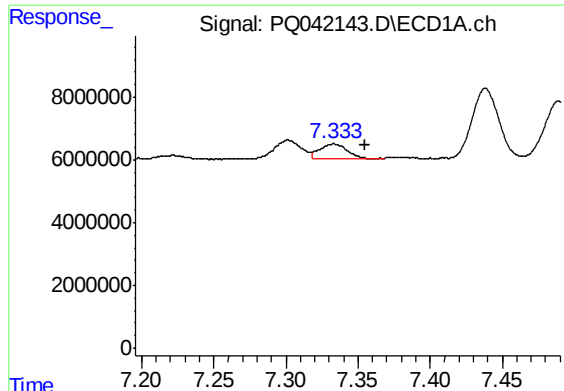
#18 AR-1242-3

R.T.: 7.301 min
Delta R.T.: 0.059 min
Response: 7792153
Conc: 96.10 ng/ml



#18 AR-1242-3

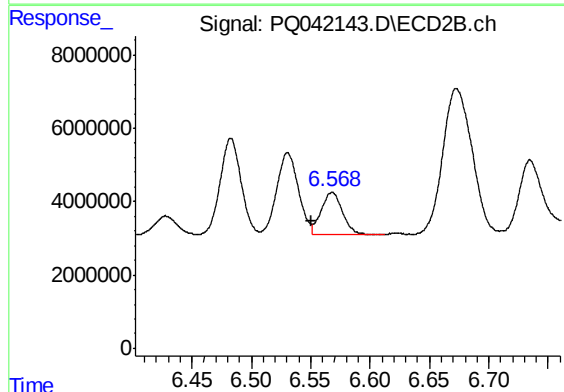
R.T.: 6.428 min
Delta R.T.: -0.019 min
Response: 6352268
Conc: 107.53 ng/ml



#19 AR-1242-4

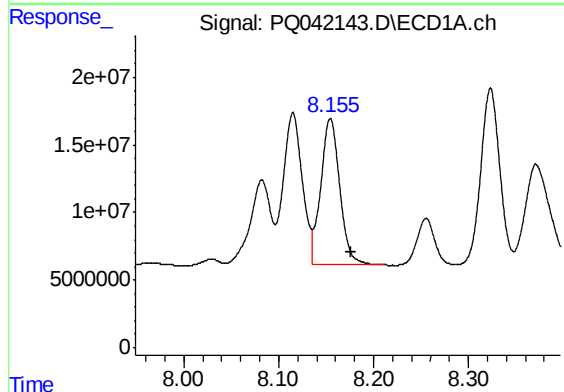
R.T.: 7.333 min
Delta R.T.: -0.021 min
Response: 5976208
Conc: 92.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP31



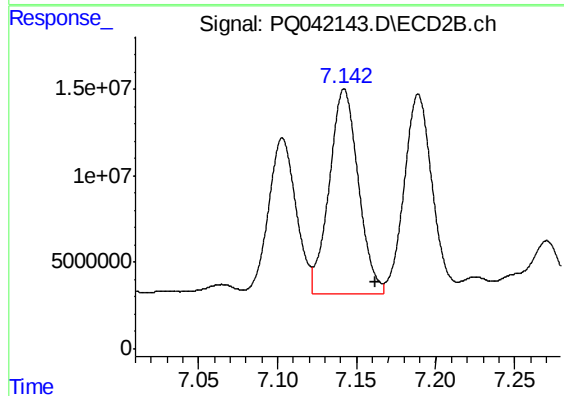
#19 AR-1242-4

R.T.: 6.568 min
Delta R.T.: 0.018 min
Response: 14345924
Conc: 241.93 ng/ml



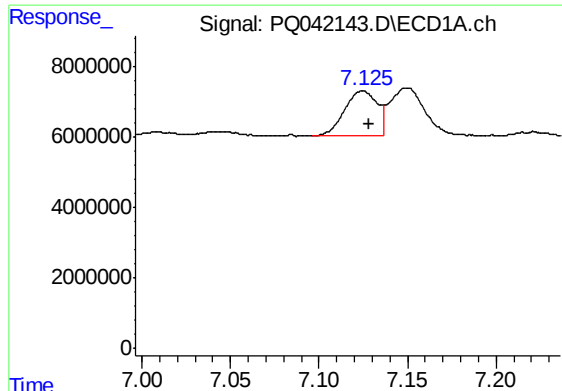
#20 AR-1242-5

R.T.: 8.155 min
Delta R.T.: -0.022 min
Response: 151177315
Conc: 1703.87 ng/ml



#20 AR-1242-5

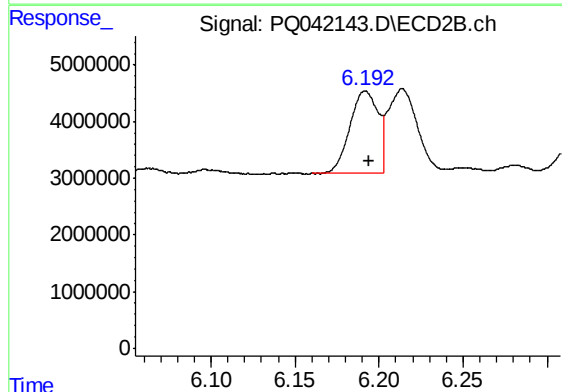
R.T.: 7.142 min
Delta R.T.: -0.020 min
Response: 152463475
Conc: 1717.04 ng/ml



#21 AR-1248-1

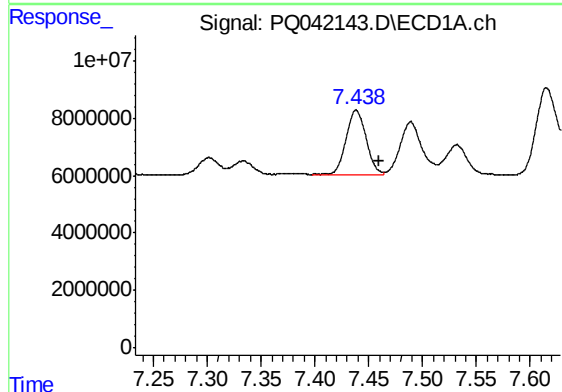
R.T.: 7.125 min
Delta R.T.: -0.003 min
Response: 16265636
Conc: 219.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP31



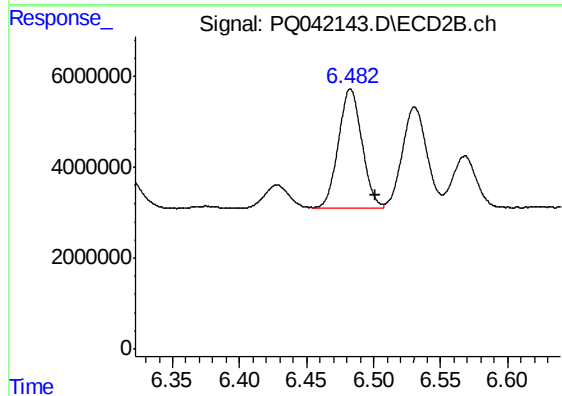
#21 AR-1248-1

R.T.: 6.192 min
Delta R.T.: -0.002 min
Response: 16910302
Conc: 255.04 ng/ml



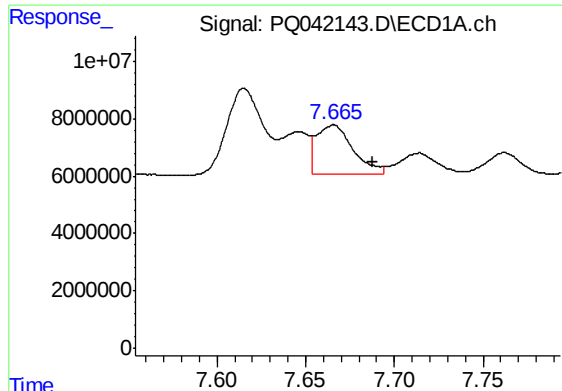
#22 AR-1248-2

R.T.: 7.438 min
Delta R.T.: -0.022 min
Response: 29165281
Conc: 316.11 ng/ml



#22 AR-1248-2

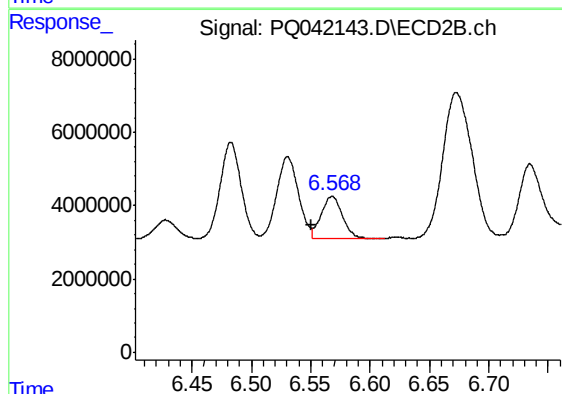
R.T.: 6.483 min
Delta R.T.: -0.019 min
Response: 32000451
Conc: 367.03 ng/ml



#23 AR-1248-3

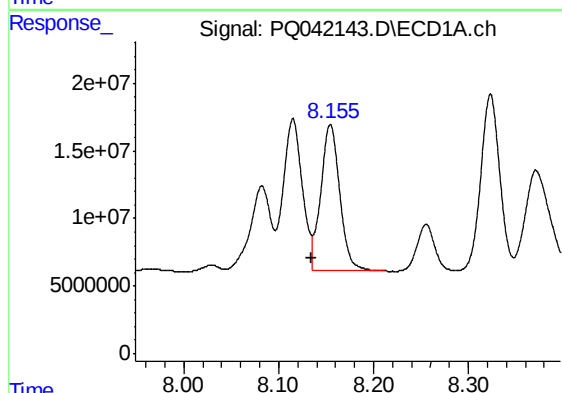
R.T.: 7.666 min
Delta R.T.: -0.022 min
Response: 24650896
Conc: 220.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP31



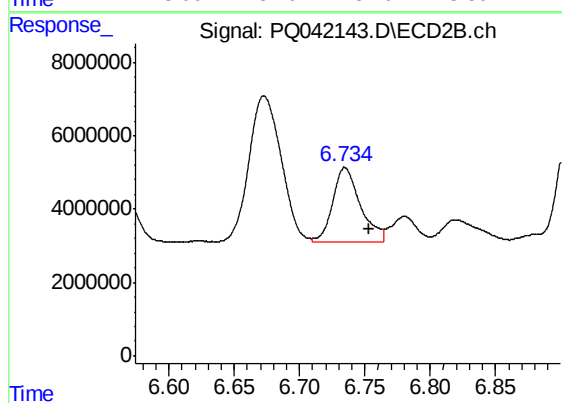
#23 AR-1248-3

R.T.: 6.568 min
Delta R.T.: 0.018 min
Response: 14345924
Conc: 160.73 ng/ml



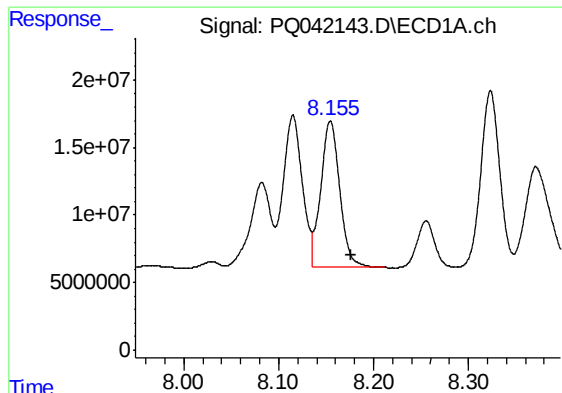
#24 AR-1248-4

R.T.: 8.155 min
Delta R.T.: 0.020 min
Response: 151177315
Conc: 966.87 ng/ml



#24 AR-1248-4

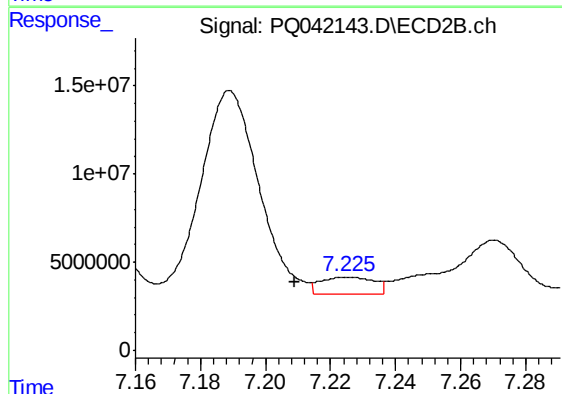
R.T.: 6.735 min
Delta R.T.: -0.019 min
Response: 29434756
Conc: 267.25 ng/ml



#25 AR-1248-5

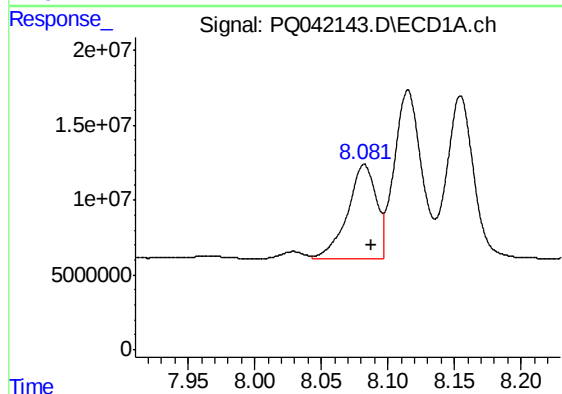
R.T.: 8.155 min
Delta R.T.: -0.022 min
Response: 151177315
Conc: 999.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP31



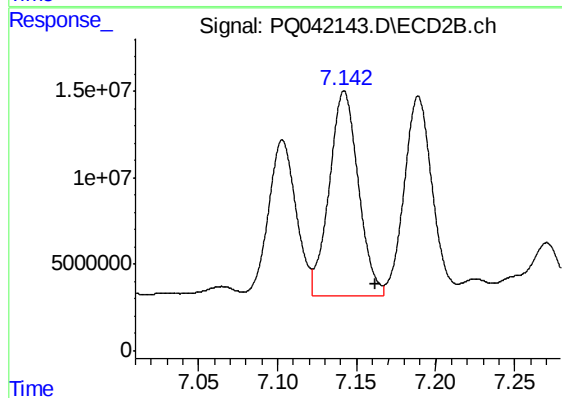
#25 AR-1248-5

R.T.: 7.225 min
Delta R.T.: 0.016 min
Response: 11234293
Conc: 87.65 ng/ml



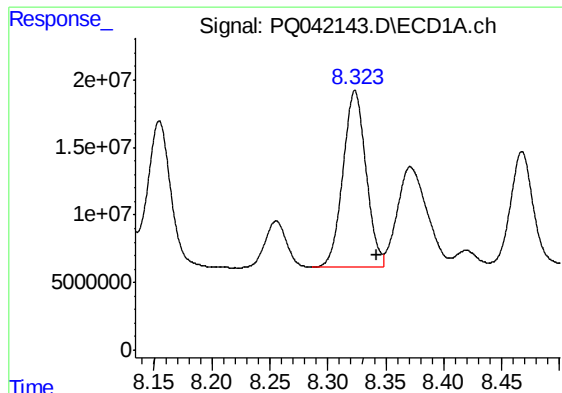
#26 AR-1254-1

R.T.: 8.082 min
Delta R.T.: -0.006 min
Response: 94130274
Conc: 676.64 ng/ml



#26 AR-1254-1

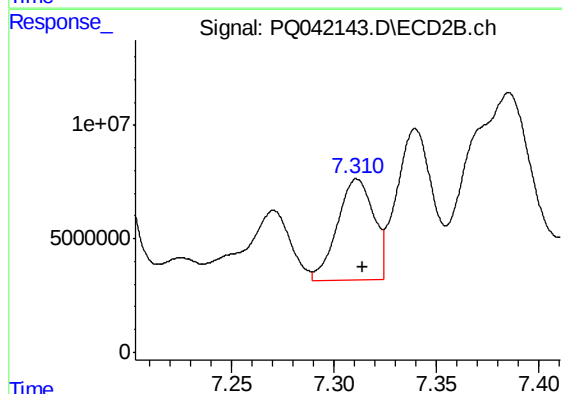
R.T.: 7.142 min
Delta R.T.: -0.020 min
Response: 152463475
Conc: 833.66 ng/ml



#27 AR-1254-2

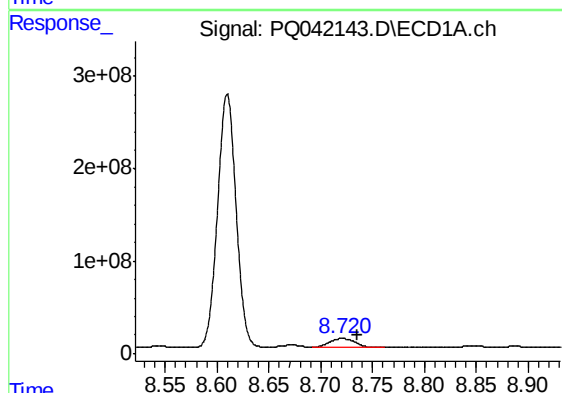
R.T.: 8.323 min
Delta R.T.: -0.019 min
Response: 181172071
Conc: 791.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP31



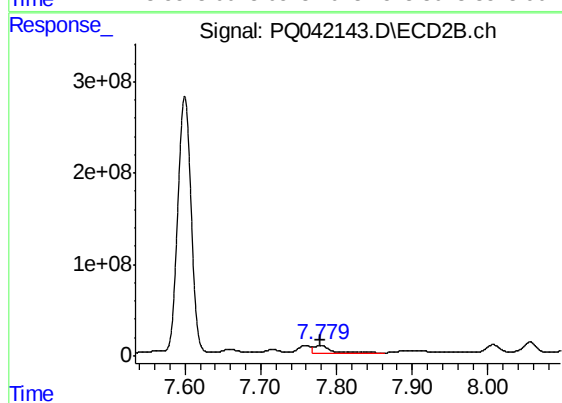
#27 AR-1254-2

R.T.: 7.311 min
Delta R.T.: -0.003 min
Response: 54645202
Conc: 337.58 ng/ml



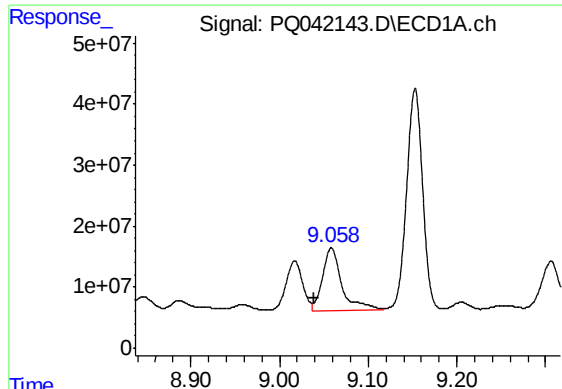
#28 AR-1254-3

R.T.: 8.721 min
Delta R.T.: -0.015 min
Response: 179996661
Conc: 658.30 ng/ml



#28 AR-1254-3

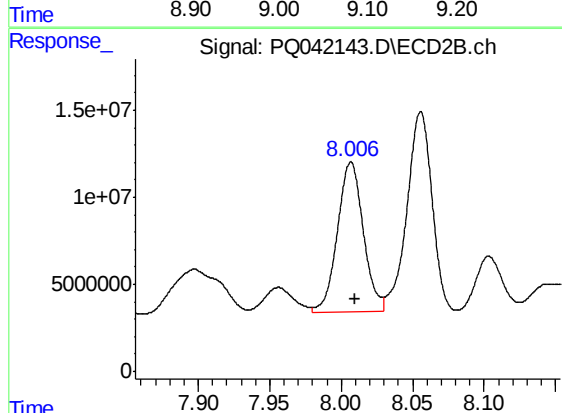
R.T.: 7.779 min
Delta R.T.: 0.000 min
Response: 115222586
Conc: 399.51 ng/ml



#29 AR-1254-4

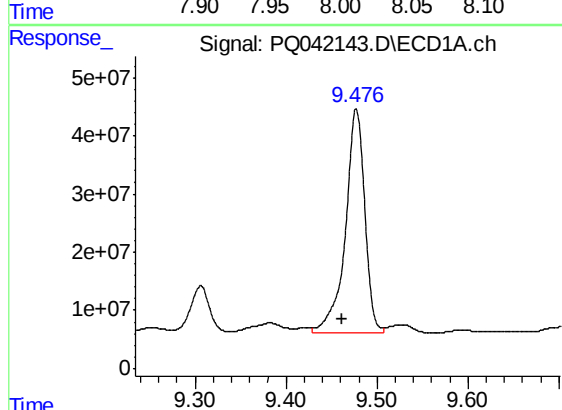
R.T.: 9.059 min
Delta R.T.: 0.020 min
Response: 157294663
Conc: 638.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP31



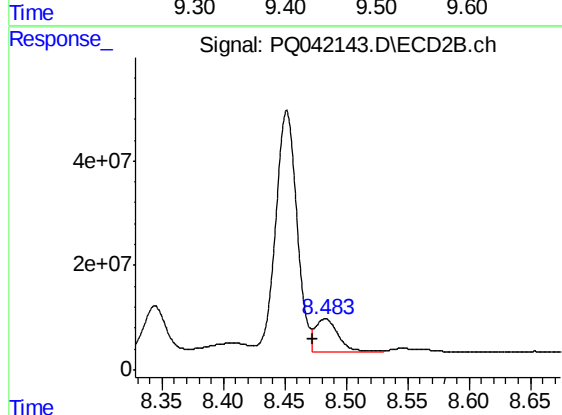
#29 AR-1254-4

R.T.: 8.007 min
Delta R.T.: -0.003 min
Response: 108263314
Conc: 498.74 ng/ml



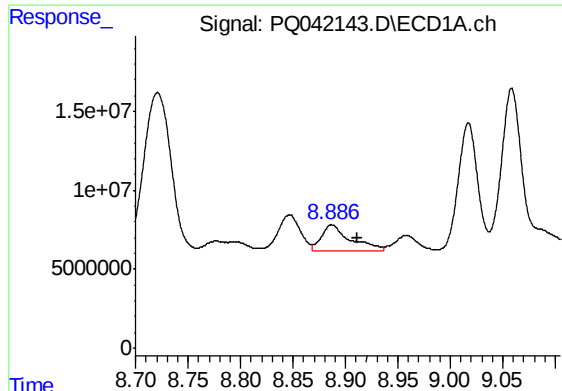
#30 AR-1254-5

R.T.: 9.477 min
Delta R.T.: 0.016 min
Response: 568431178
Conc: 2098.73 ng/ml



#30 AR-1254-5

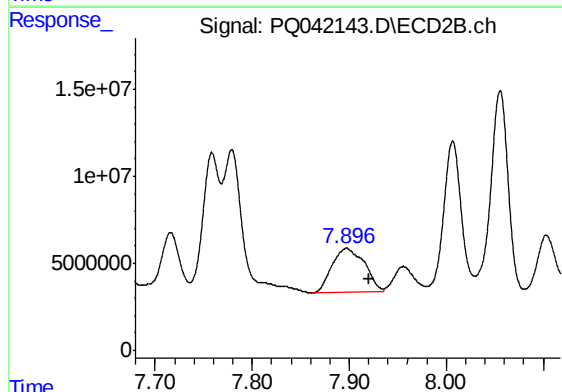
R.T.: 8.483 min
Delta R.T.: 0.010 min
Response: 80873389
Conc: 268.89 ng/ml



#31 AR-1260-1

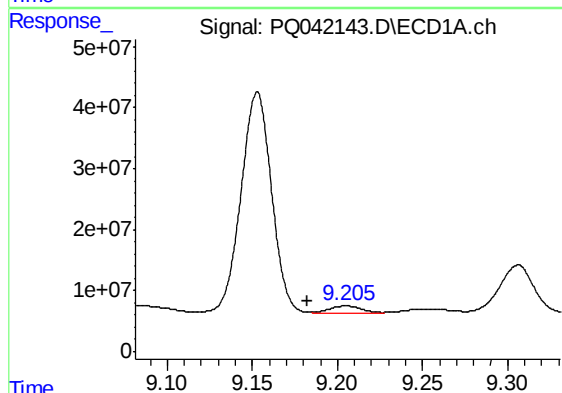
R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 31533289
Conc: 177.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP31



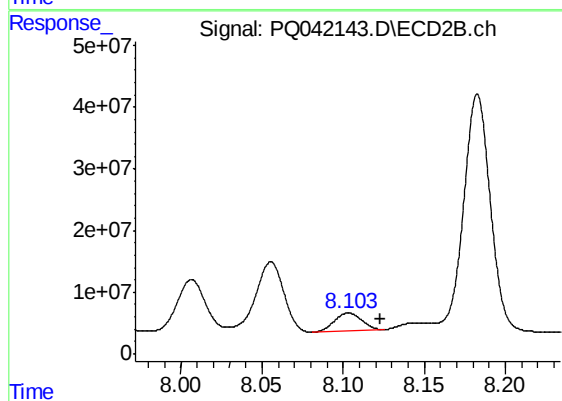
#31 AR-1260-1

R.T.: 7.897 min
Delta R.T.: -0.024 min
Response: 59117541
Conc: 325.84 ng/ml



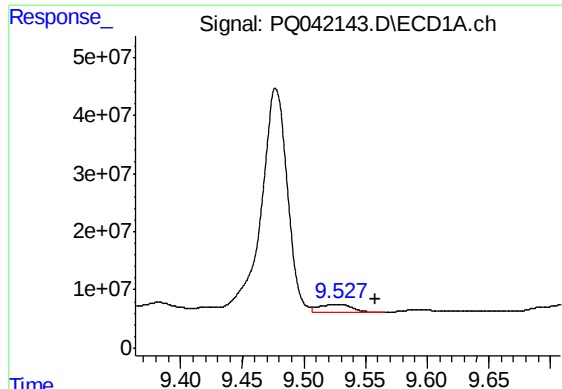
#32 AR-1260-2

R.T.: 9.205 min
Delta R.T.: 0.022 min
Response: 18390296
Conc: 72.90 ng/ml



#32 AR-1260-2

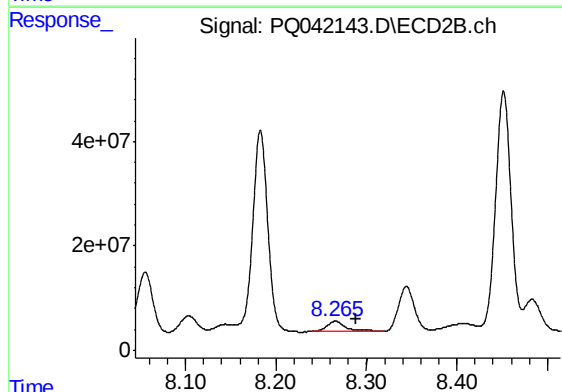
R.T.: 8.103 min
Delta R.T.: -0.020 min
Response: 33778281
Conc: 137.68 ng/ml



#33 AR-1260-3

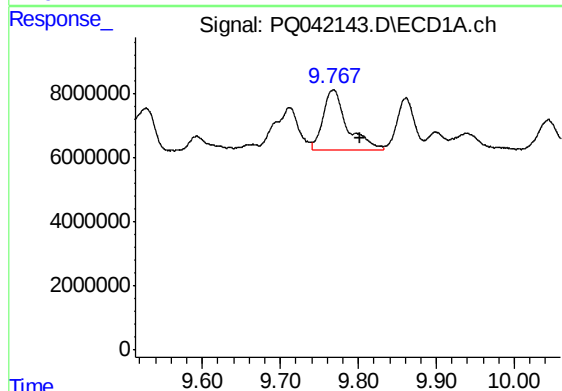
R.T.: 9.528 min
Delta R.T.: -0.030 min
Response: 23686574
Conc: 103.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP31



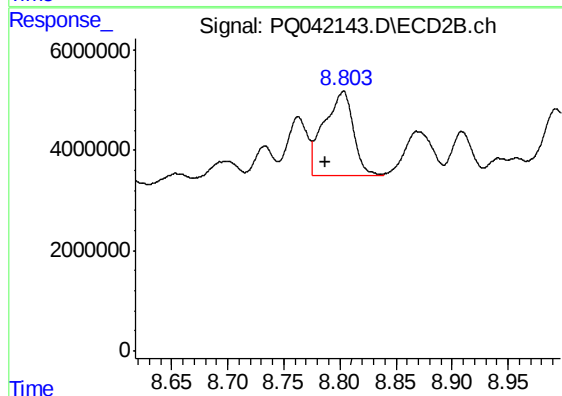
#33 AR-1260-3

R.T.: 8.266 min
Delta R.T.: -0.023 min
Response: 30282575
Conc: 142.32 ng/ml



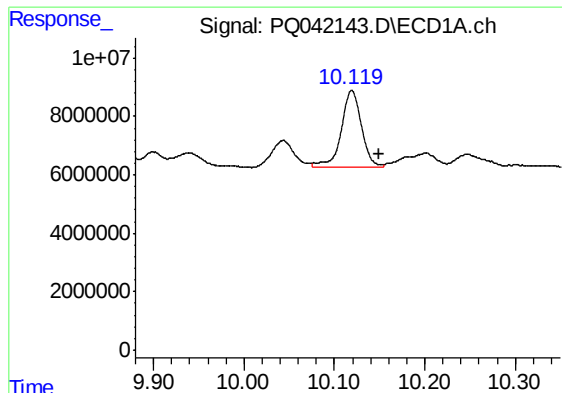
#34 AR-1260-4

R.T.: 9.768 min
Delta R.T.: -0.034 min
Response: 40882361
Conc: 160.11 ng/ml



#34 AR-1260-4

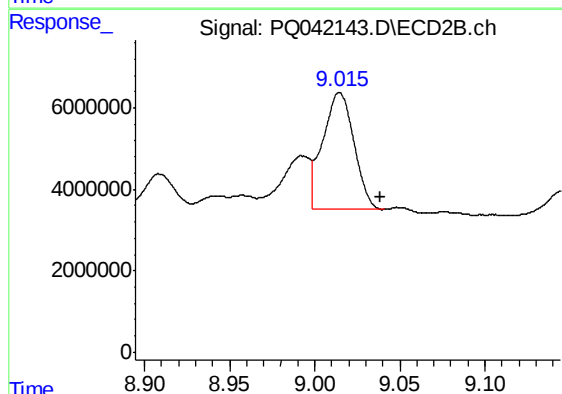
R.T.: 8.803 min
Delta R.T.: 0.015 min
Response: 30482503
Conc: 150.69 ng/ml



#35 AR-1260-5

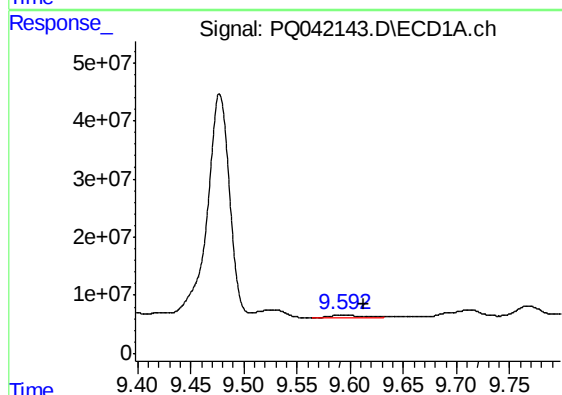
R.T.: 10.119 min
Delta R.T.: -0.030 min
Response: 40492373
Conc: 60.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP31



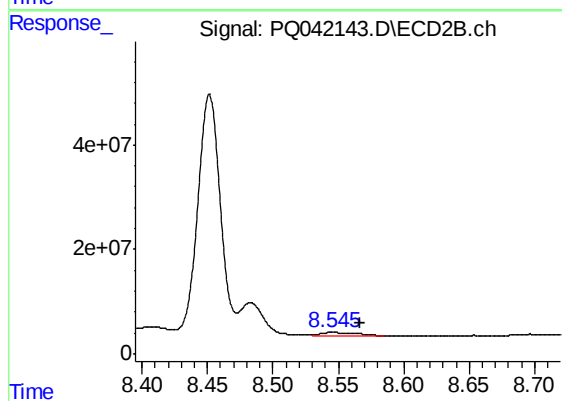
#35 AR-1260-5

R.T.: 9.015 min
Delta R.T.: -0.024 min
Response: 36756263
Conc: 62.28 ng/ml



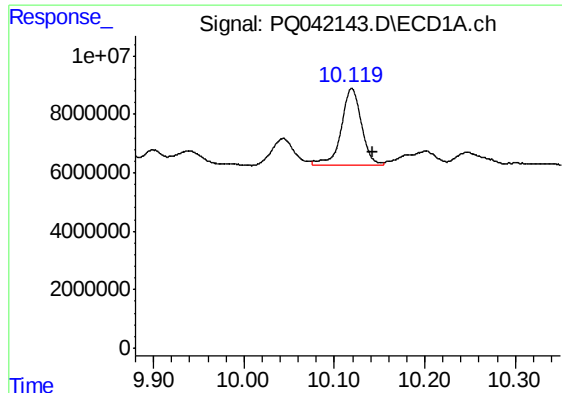
#36 AR-1262-1

R.T.: 9.593 min
Delta R.T.: -0.020 min
Response: 7892768
Conc: 51.35 ng/ml



#36 AR-1262-1

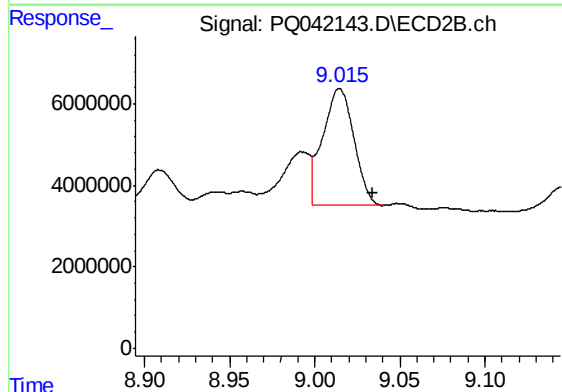
R.T.: 8.546 min
Delta R.T.: -0.021 min
Response: 10553403
Conc: 73.56 ng/ml



#37 AR-1262-2

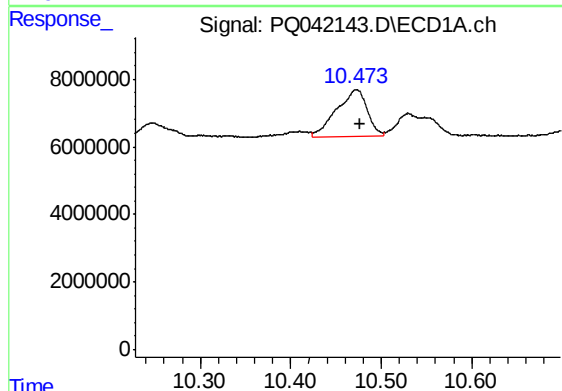
R.T.: 10.119 min
Delta R.T.: -0.023 min
Response: 40492373
Conc: 46.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP31



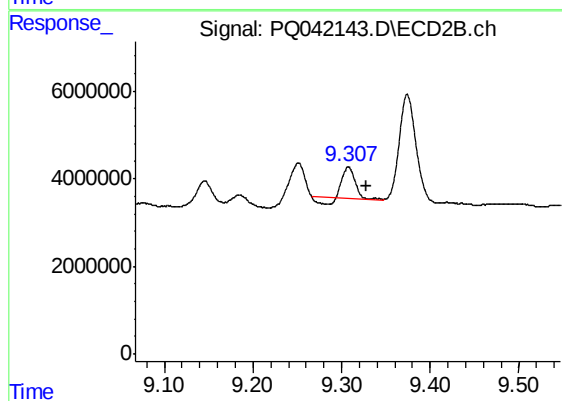
#37 AR-1262-2

R.T.: 9.015 min
Delta R.T.: -0.020 min
Response: 36756263
Conc: 49.60 ng/ml



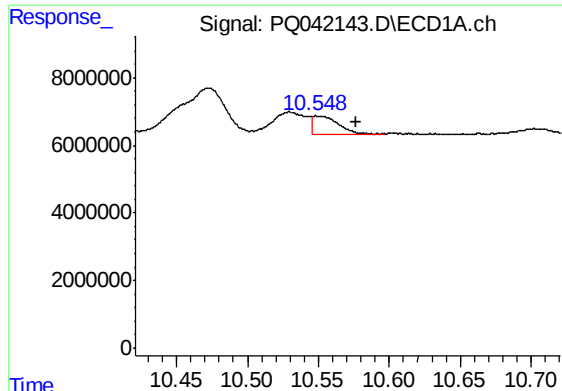
#38 AR-1262-3

R.T.: 10.473 min
Delta R.T.: -0.004 min
Response: 32570073
Conc: 51.29 ng/ml



#38 AR-1262-3

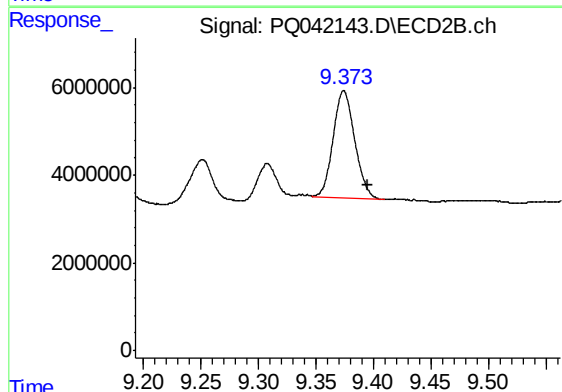
R.T.: 9.308 min
Delta R.T.: -0.020 min
Response: 5789325
Conc: 18.30 ng/ml



#39 AR-1262-4

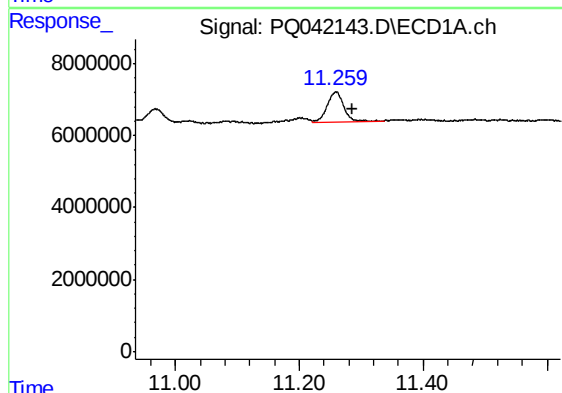
R.T.: 10.549 min
Delta R.T.: -0.027 min
Response: 7037398
Conc: 14.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP31



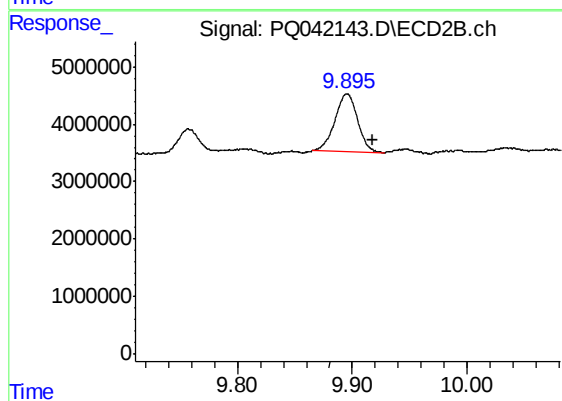
#39 AR-1262-4

R.T.: 9.374 min
Delta R.T.: -0.020 min
Response: 31976930
Conc: 56.86 ng/ml



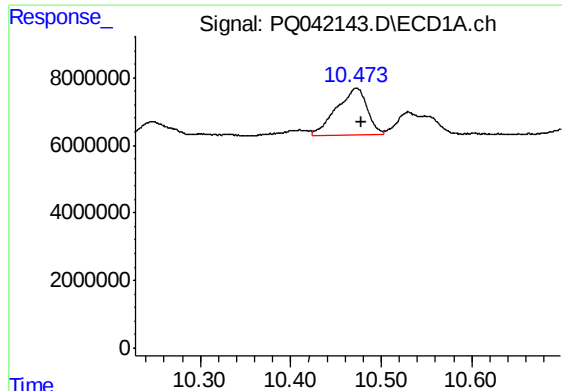
#40 AR-1262-5

R.T.: 11.259 min
Delta R.T.: -0.027 min
Response: 15436596
Conc: 37.92 ng/ml



#40 AR-1262-5

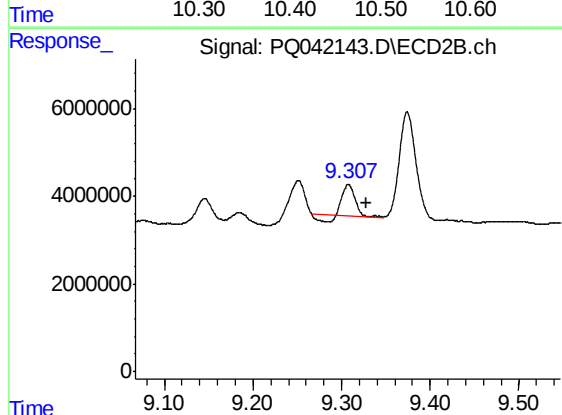
R.T.: 9.895 min
Delta R.T.: -0.022 min
Response: 13840482
Conc: 48.46 ng/ml



#41 AR-1268-1

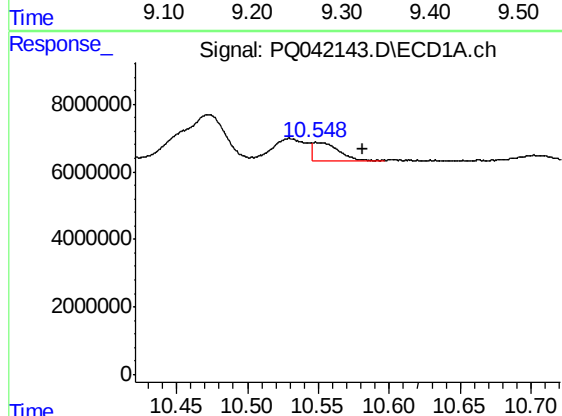
R.T.: 10.473 min
Delta R.T.: -0.005 min
Response: 32570073
Conc: 22.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP31



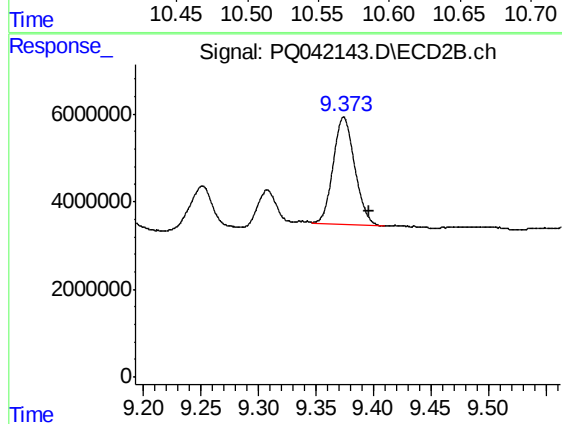
#41 AR-1268-1

R.T.: 9.308 min
Delta R.T.: -0.021 min
Response: 5789325
Conc: 5.06 ng/ml



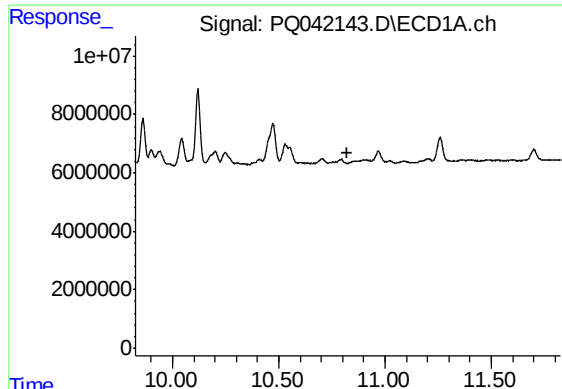
#42 AR-1268-2

R.T.: 10.549 min
Delta R.T.: -0.032 min
Response: 7037398
Conc: 5.34 ng/ml



#42 AR-1268-2

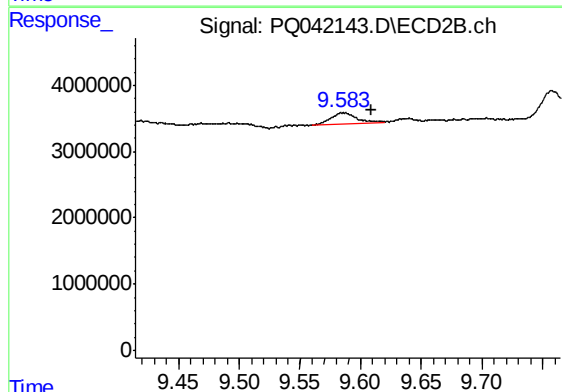
R.T.: 9.374 min
Delta R.T.: -0.021 min
Response: 31976930
Conc: 31.15 ng/ml



#43 AR-1268-3

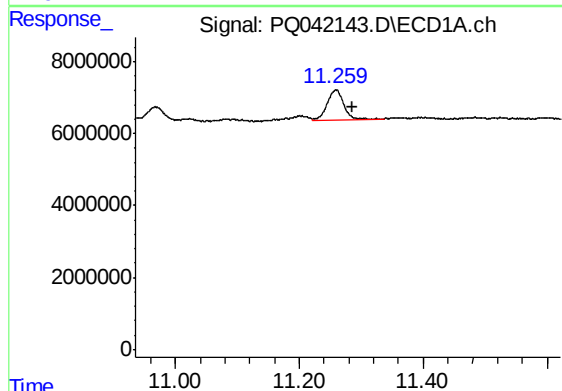
R.T.: 0.000 min
Exp R.T.: 10.825 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETP31



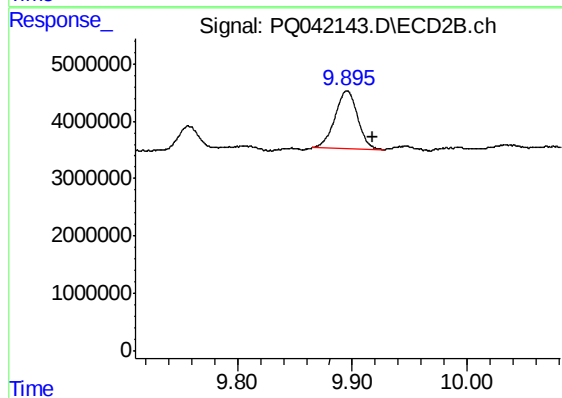
#43 AR-1268-3

R.T.: 9.585 min
Delta R.T.: -0.024 min
Response: 2430163
Conc: 2.80 ng/ml



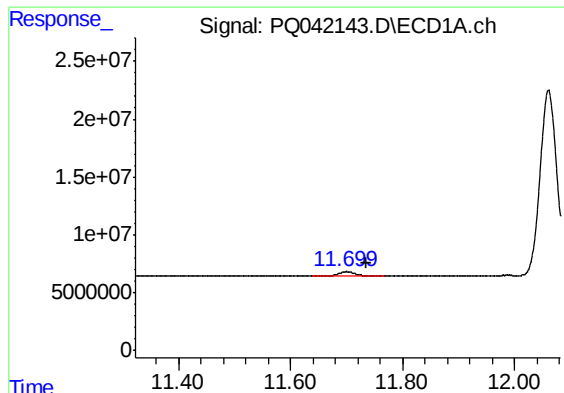
#44 AR-1268-4

R.T.: 11.259 min
Delta R.T.: -0.027 min
Response: 15436596
Conc: 28.35 ng/ml



#44 AR-1268-4

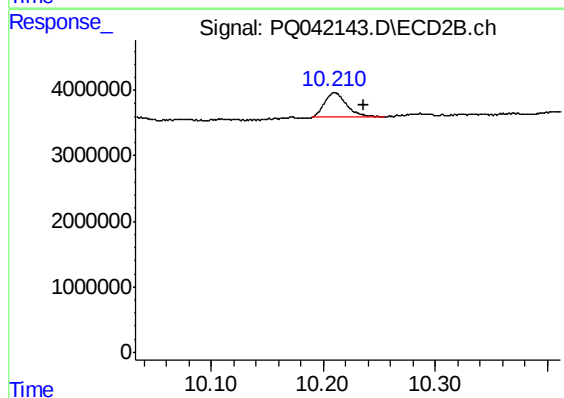
R.T.: 9.895 min
Delta R.T.: -0.023 min
Response: 13840482
Conc: 35.98 ng/ml



#45 AR-1268-5

R.T.: 11.700 min
Delta R.T.: -0.035 min
Response: 7685417
Conc: 1.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP31



#45 AR-1268-5

R.T.: 10.210 min
Delta R.T.: -0.026 min
Response: 5165384
Conc: 1.99 ng/ml