

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052820\
 Data File : PQ047895.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2020 10:36
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 28 10:54:29 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052720.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 27 17:33:08 2020
 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...	5.324	4.300	373.2E6	172.8E6	52.236	51.790
2)	SA Decachlor...	11.625	9.681	347.8E6	172.1E6	48.690	47.580
Target Compounds							
3)	L1 AR-1016-1	6.654	5.567	120.7E6	60952171	495.461	513.948
4)	L1 AR-1016-2	6.678	5.588	169.3E6	82833652	499.992	501.624
5)	L1 AR-1016-3	6.746	5.781	102.7E6	42475882	489.444	526.146
6)	L1 AR-1016-4	6.854	5.831	84561022	34393195	497.383	533.587
7)	L1 AR-1016-5	7.170	6.063	79430913	42217116	473.106	495.315
8)	L2 AR-1221-1	5.569	4.557	10821254	5559361	143.574	157.651
9)	L2 AR-1221-2	5.675	4.659	16296384	7796775	289.138	295.264
10)	L2 AR-1221-3	5.763	4.749	61221828	28978973	347.390	346.440
11)	L3 AR-1232-1	5.763	4.749	61221828	28978973	439.056	429.781
12)	L3 AR-1232-2	6.359	5.588	83361767	82833652	1173.387	1256.302
13)	L3 AR-1232-3	6.678	5.781	169.3E6	42475882	1209.866	1320.515
14)	L3 AR-1232-4	6.854	5.877	84561022	41822202	1231.627	1476.812
15)	L3 AR-1232-5	6.949	6.063	71714576	42217116	1391.923	1335.303
16)	L4 AR-1242-1	6.654	5.567	120.7E6	60952171	640.721	667.729
17)	L4 AR-1242-2	6.678	5.588	169.3E6	82833652	657.256	663.501
18)	L4 AR-1242-3	6.746	5.781	102.7E6	42475882	635.006	678.671
19)	L4 AR-1242-4	6.854	5.877	84561022	41822202	636.074	684.263
20)	L4 AR-1242-5	7.641	6.444	11958645	32274278	85.618	393.683 #
21)	L5 AR-1248-1	6.654	5.567	120.7E6	60952171	893.653	913.541
22)	L5 AR-1248-2	6.949	5.831	71714576	34393195	415.030	417.606
23)	L5 AR-1248-3	7.170	5.877	79430913	41822202	402.383	496.498
24)	L5 AR-1248-4	7.600	6.063	13582937	42217116	60.744	403.317 #
25)	L5 AR-1248-5	7.641	6.487	11958645	5795963	56.109	56.142
26)	L6 AR-1254-1	7.570	6.444	54362090	32274278	239.837	190.040
27)	L6 AR-1254-2	7.798	6.601	58534335	29921983	164.996	203.493
28)	L6 AR-1254-3	8.185	7.043	35571357	70122884	93.327	287.535 #
29)	L6 AR-1254-4	8.481	7.263	25226435	8477991	87.072	54.535 #
30)	L6 AR-1254-5	8.912	7.694	221.1E6	107.8E6	704.235	521.657 #
31)	L7 AR-1260-1	8.352	7.163	136.9E6	79511588	464.365	486.186
32)	L7 AR-1260-2	8.616	7.357	165.3E6	97785278	481.547	498.882
33)	L7 AR-1260-3	8.989	7.515	128.5E6	88626331	485.299	501.733
34)	L7 AR-1260-4	9.239	8.001	152.7E6	76468231	499.694	482.805
35)	L7 AR-1260-5	9.594	8.246	319.4E6	192.5E6	491.687	494.545
36)	L8 AR-1262-1	8.989	7.694	128.5E6	107.8E6	377.081	1064.362 #
37)	L8 AR-1262-2	9.594	8.246	319.4E6	192.5E6	478.734	487.914
38)	L8 AR-1262-3	9.963	8.535	204.4E6	41394738	445.160	287.170 #
39)	L8 AR-1262-4	10.021	8.598	128.8E6	138.7E6	371.047	483.473 #
40)	L8 AR-1262-5	10.782	9.106	102.2E6	51073418	399.818	379.949
41)	L9 AR-1268-1	9.963	8.535	204.4E6	41394738	216.398	77.959 #

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 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

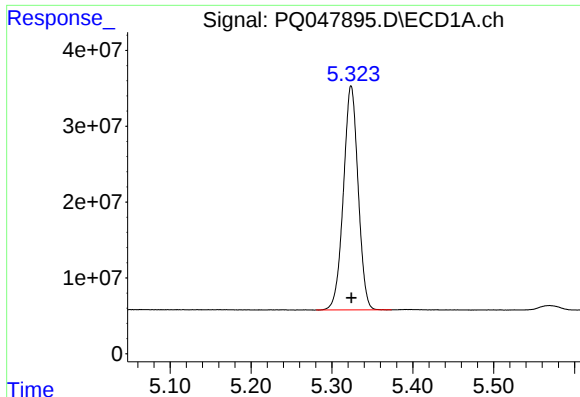
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 28 10:54:29 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052720.M
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 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	10.021	8.598	128.8E6	138.7E6	144.444	274.585 #
43) L9	AR-1268-3	10.295	8.812	5758703	3257026	7.669	7.834
44) L9	AR-1268-4	10.782	9.106	102.2E6	51073418	294.921	277.397
45) L9	AR-1268-5	11.246	9.412	31530205	14396966	11.957	10.086

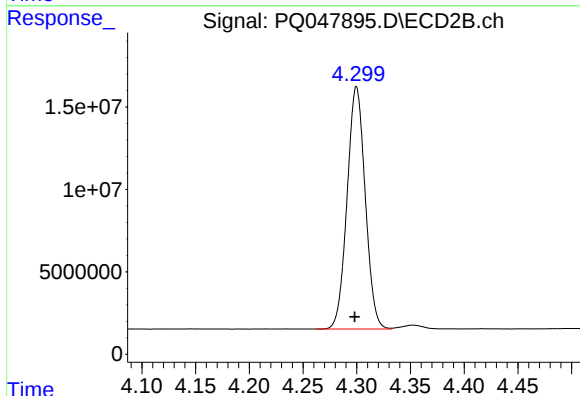
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

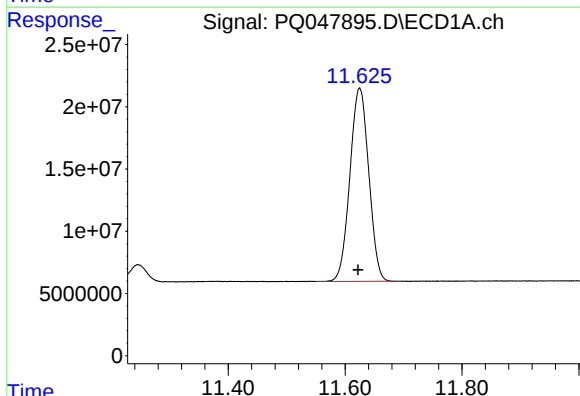
R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 373239782
Conc: 52.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



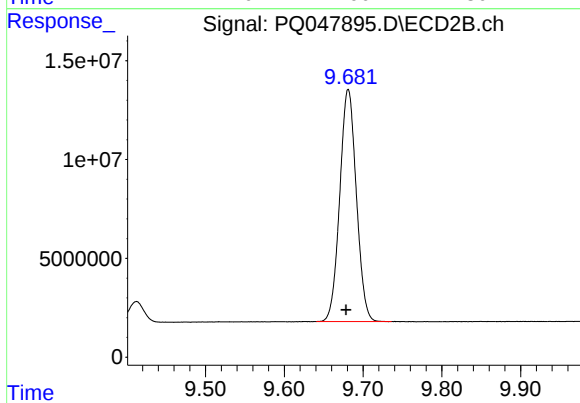
#1 Tetrachloro-m-xylene

R.T.: 4.300 min
Delta R.T.: 0.002 min
Response: 172824604
Conc: 51.79 ng/ml



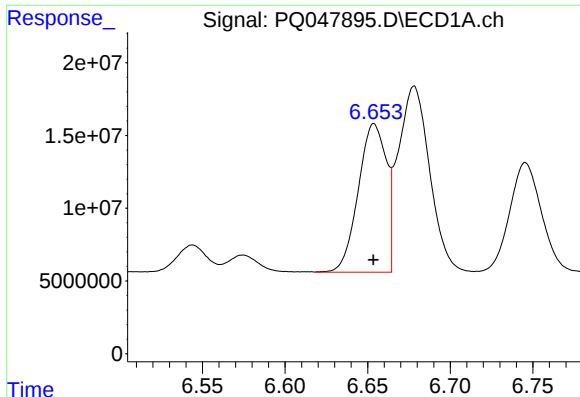
#2 Decachlorobiphenyl

R.T.: 11.625 min
Delta R.T.: 0.003 min
Response: 347752406
Conc: 48.69 ng/ml



#2 Decachlorobiphenyl

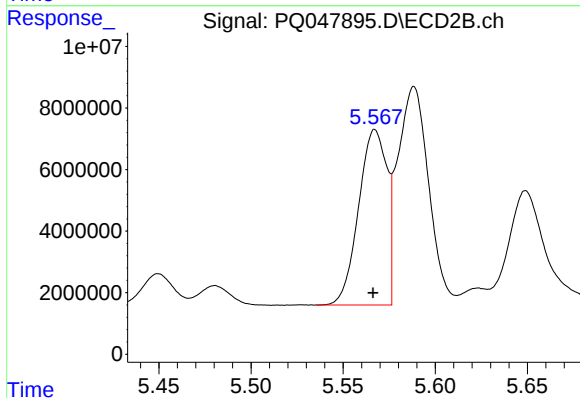
R.T.: 9.681 min
Delta R.T.: 0.003 min
Response: 172069742
Conc: 47.58 ng/ml



#3 AR-1016-1

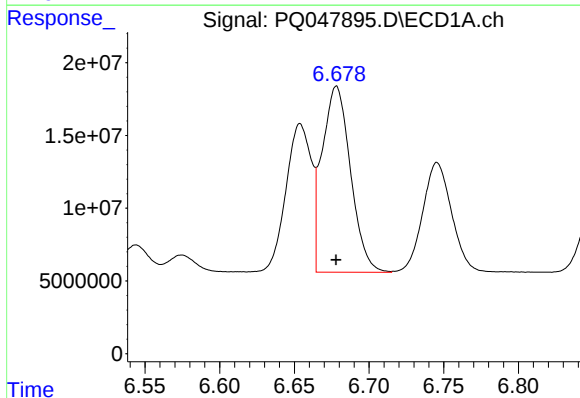
R.T.: 6.654 min
Delta R.T.: 0.000 min
Response: 120730655
Conc: 495.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



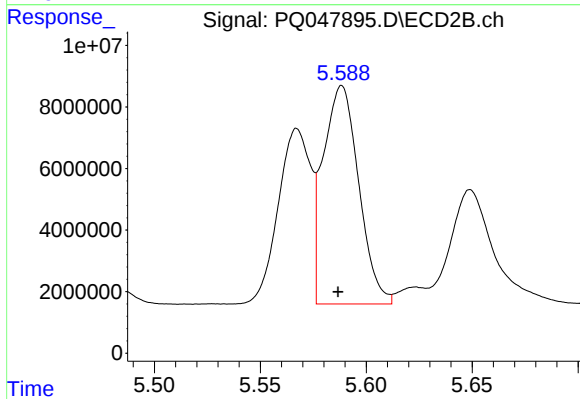
#3 AR-1016-1

R.T.: 5.567 min
Delta R.T.: 0.001 min
Response: 60952171
Conc: 513.95 ng/ml



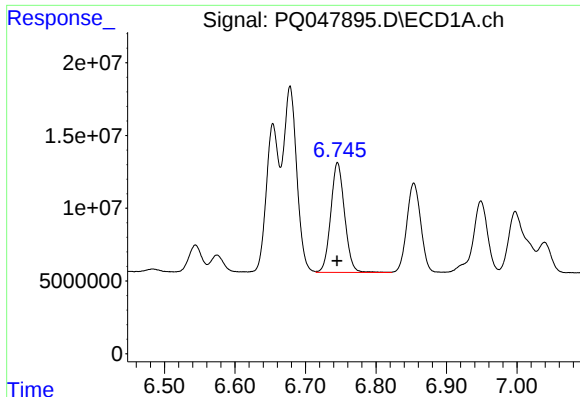
#4 AR-1016-2

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 169271114
Conc: 499.99 ng/ml



#4 AR-1016-2

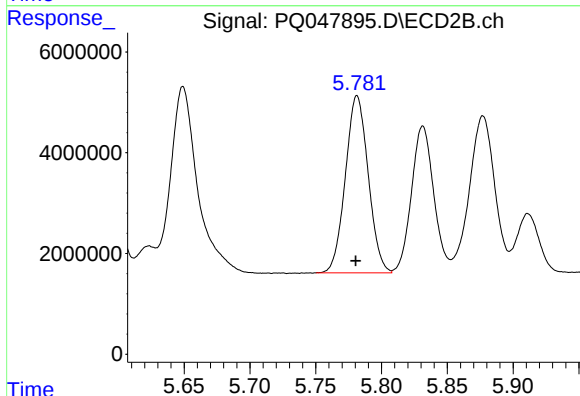
R.T.: 5.588 min
Delta R.T.: 0.002 min
Response: 82833652
Conc: 501.62 ng/ml



#5 AR-1016-3

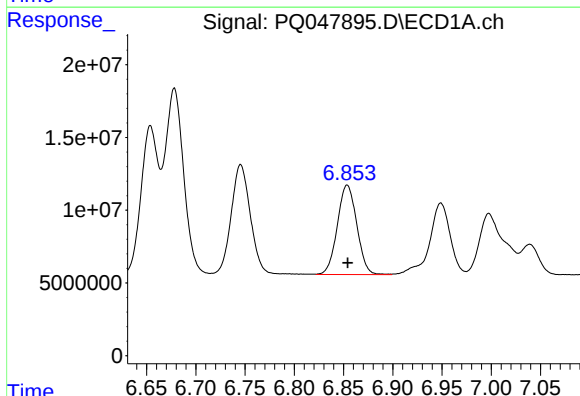
R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 102653723
Conc: 489.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



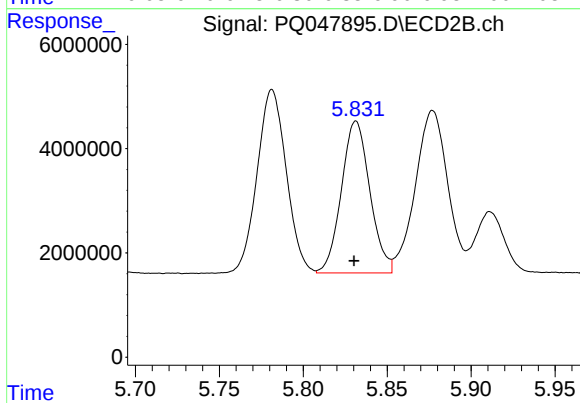
#5 AR-1016-3

R.T.: 5.781 min
Delta R.T.: 0.001 min
Response: 42475882
Conc: 526.15 ng/ml



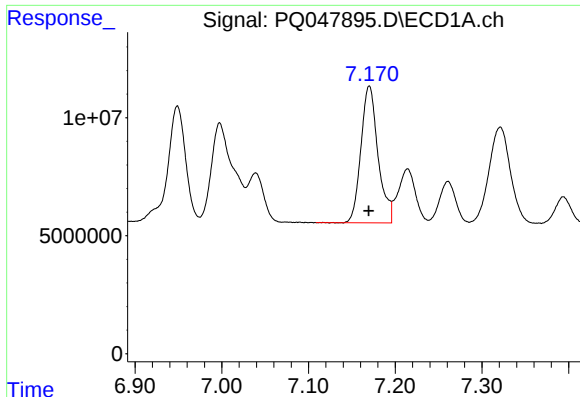
#6 AR-1016-4

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 84561022
Conc: 497.38 ng/ml



#6 AR-1016-4

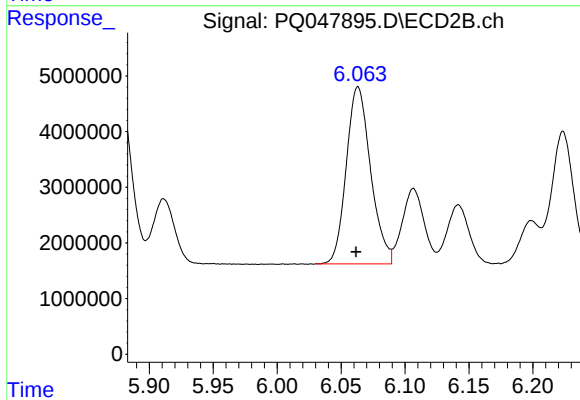
R.T.: 5.831 min
Delta R.T.: 0.001 min
Response: 34393195
Conc: 533.59 ng/ml



#7 AR-1016-5

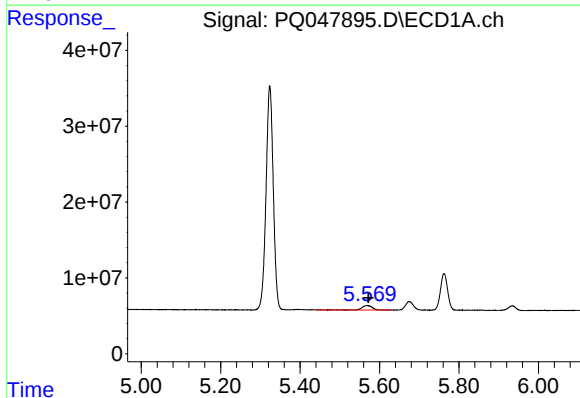
R.T.: 7.170 min
Delta R.T.: 0.000 min
Response: 79430913
Conc: 473.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



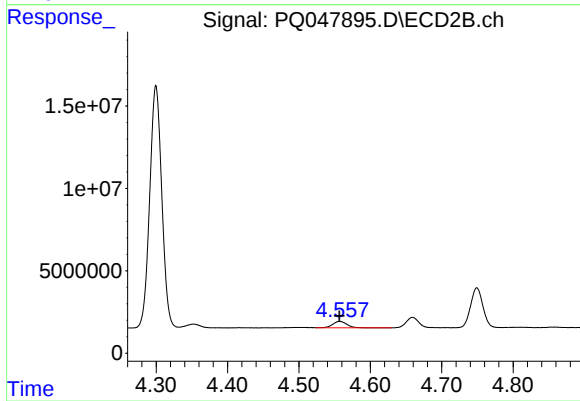
#7 AR-1016-5

R.T.: 6.063 min
Delta R.T.: 0.002 min
Response: 42217116
Conc: 495.31 ng/ml



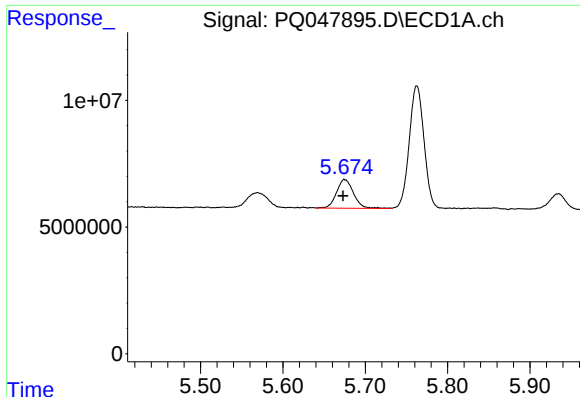
#8 AR-1221-1

R.T.: 5.569 min
Delta R.T.: -0.003 min
Response: 10821254
Conc: 143.57 ng/ml



#8 AR-1221-1

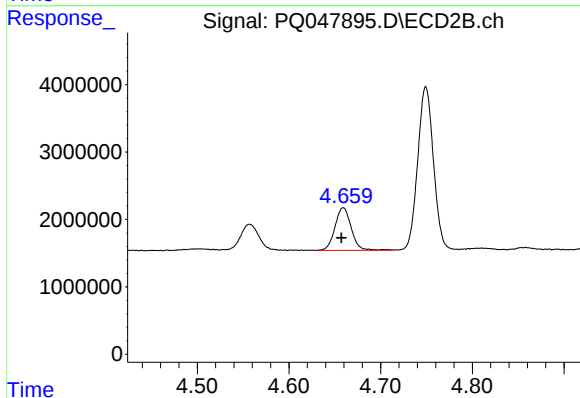
R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 5559361
Conc: 157.65 ng/ml



#9 AR-1221-2

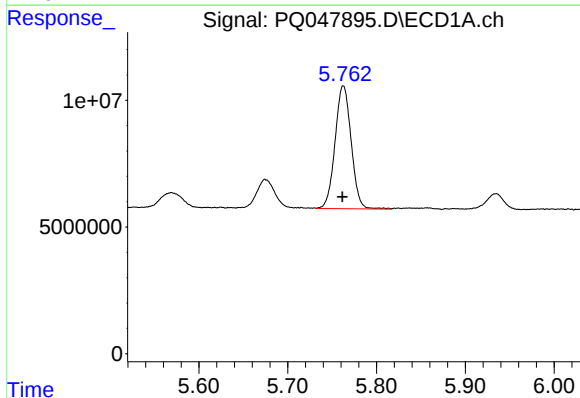
R.T.: 5.675 min
Delta R.T.: 0.002 min
Response: 16296384
Conc: 289.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



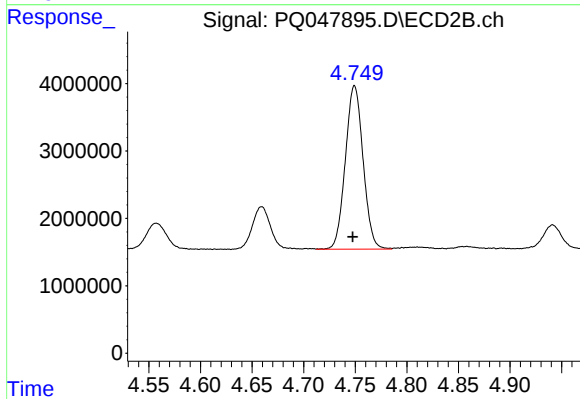
#9 AR-1221-2

R.T.: 4.659 min
Delta R.T.: 0.002 min
Response: 7796775
Conc: 295.26 ng/ml



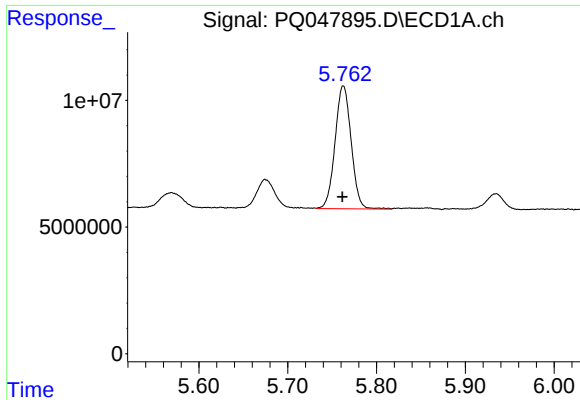
#10 AR-1221-3

R.T.: 5.763 min
Delta R.T.: 0.001 min
Response: 61221828
Conc: 347.39 ng/ml



#10 AR-1221-3

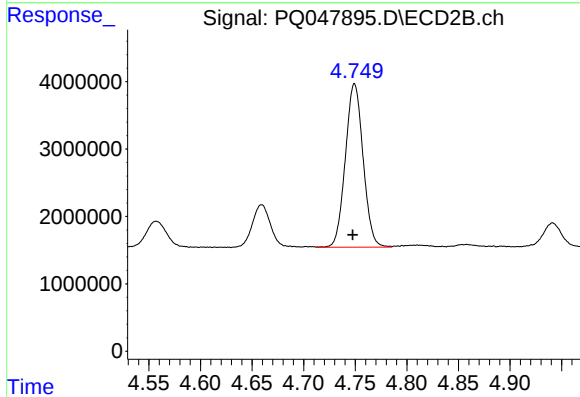
R.T.: 4.749 min
Delta R.T.: 0.002 min
Response: 28978973
Conc: 346.44 ng/ml



#11 AR-1232-1

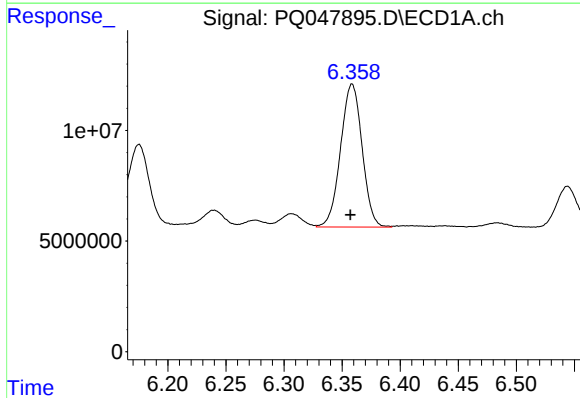
R.T.: 5.763 min
Delta R.T.: 0.001 min
Response: 61221828
Conc: 439.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



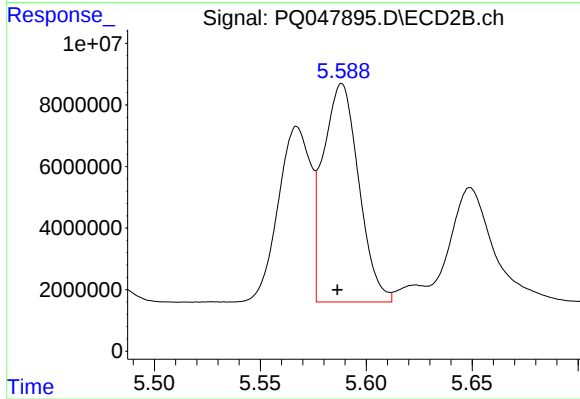
#11 AR-1232-1

R.T.: 4.749 min
Delta R.T.: 0.002 min
Response: 28978973
Conc: 429.78 ng/ml



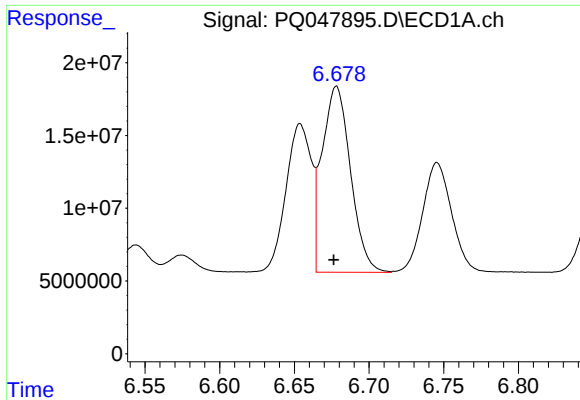
#12 AR-1232-2

R.T.: 6.359 min
Delta R.T.: 0.001 min
Response: 83361767
Conc: 1173.39 ng/ml



#12 AR-1232-2

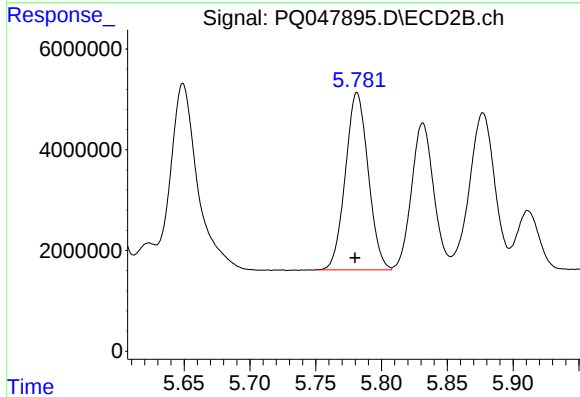
R.T.: 5.588 min
Delta R.T.: 0.002 min
Response: 82833652
Conc: 1256.30 ng/ml



#13 AR-1232-3

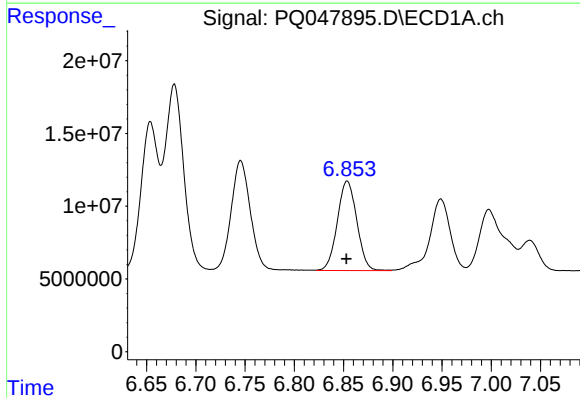
R.T.: 6.678 min
Delta R.T.: 0.002 min
Response: 169271114
Conc: 1209.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



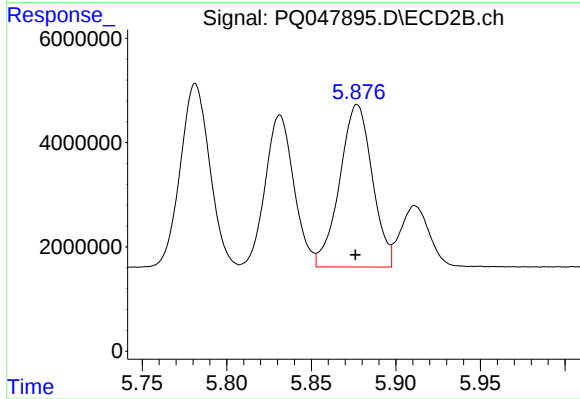
#13 AR-1232-3

R.T.: 5.781 min
Delta R.T.: 0.001 min
Response: 42475882
Conc: 1320.52 ng/ml



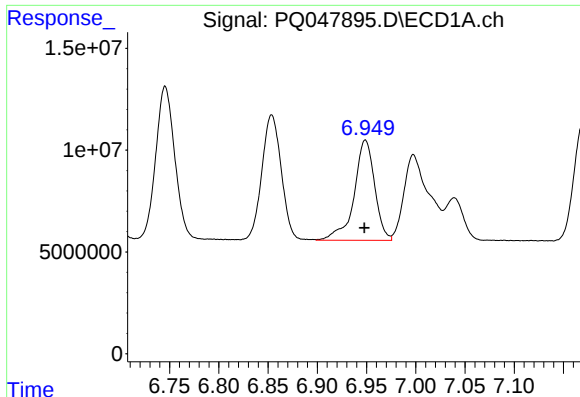
#14 AR-1232-4

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 84561022
Conc: 1231.63 ng/ml



#14 AR-1232-4

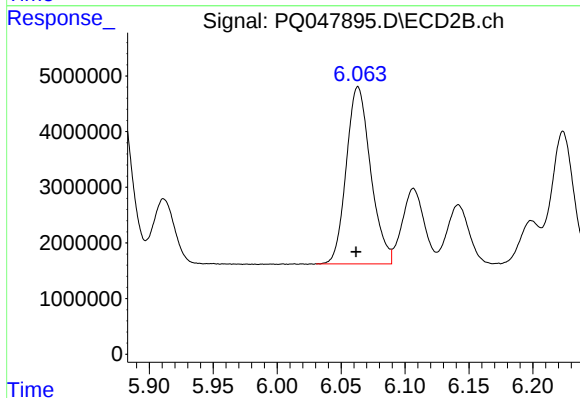
R.T.: 5.877 min
Delta R.T.: 0.001 min
Response: 41822202
Conc: 1476.81 ng/ml



#15 AR-1232-5

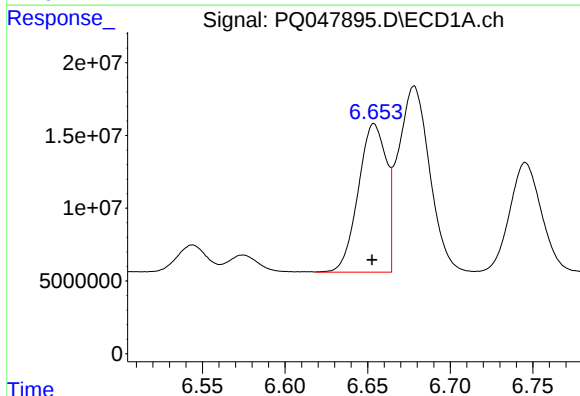
R.T.: 6.949 min
Delta R.T.: 0.001 min
Response: 71714576
Conc: 1391.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



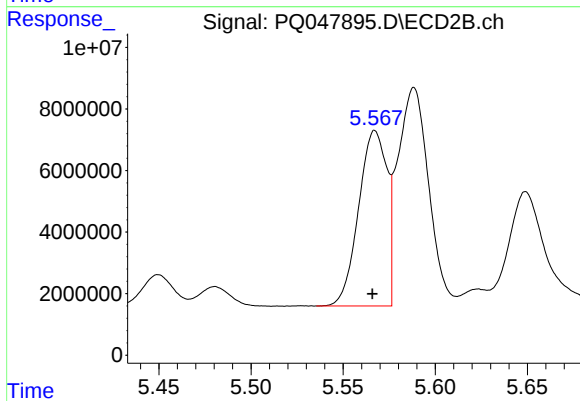
#15 AR-1232-5

R.T.: 6.063 min
Delta R.T.: 0.002 min
Response: 42217116
Conc: 1335.30 ng/ml



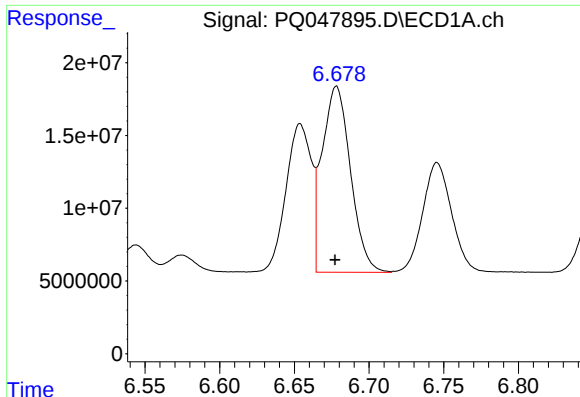
#16 AR-1242-1

R.T.: 6.654 min
Delta R.T.: 0.001 min
Response: 120730655
Conc: 640.72 ng/ml



#16 AR-1242-1

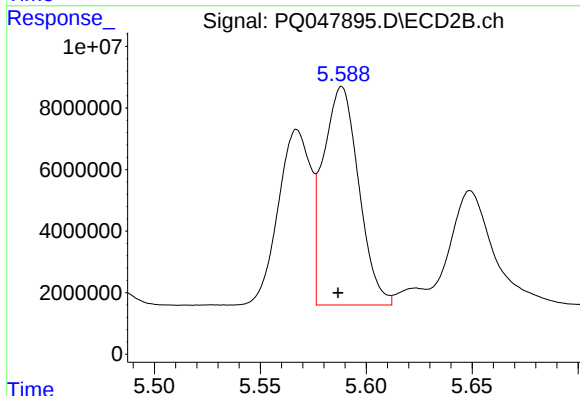
R.T.: 5.567 min
Delta R.T.: 0.001 min
Response: 60952171
Conc: 667.73 ng/ml



#17 AR-1242-2

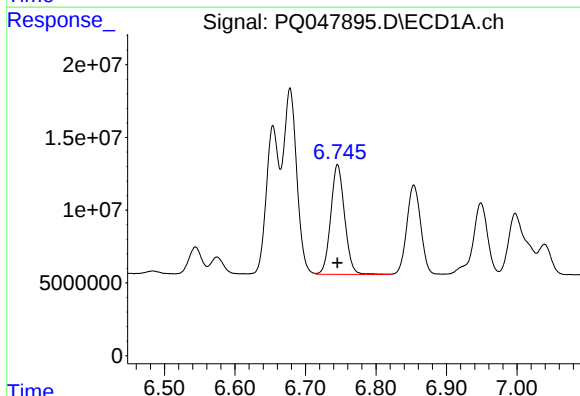
R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 169271114
Conc: 657.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



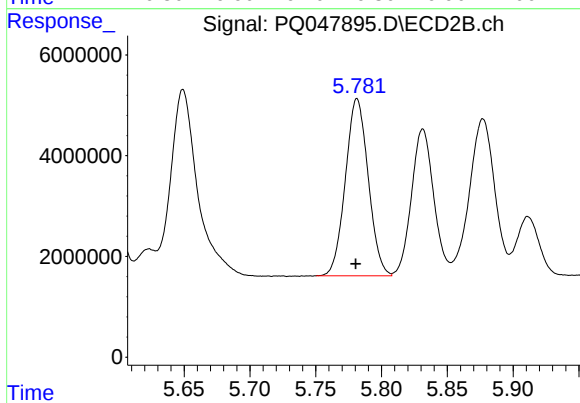
#17 AR-1242-2

R.T.: 5.588 min
Delta R.T.: 0.002 min
Response: 82833652
Conc: 663.50 ng/ml



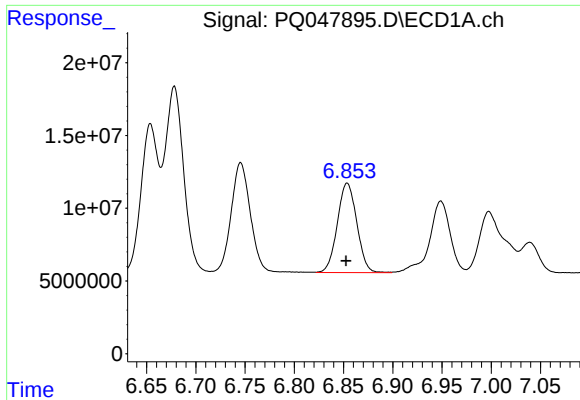
#18 AR-1242-3

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 102653723
Conc: 635.01 ng/ml



#18 AR-1242-3

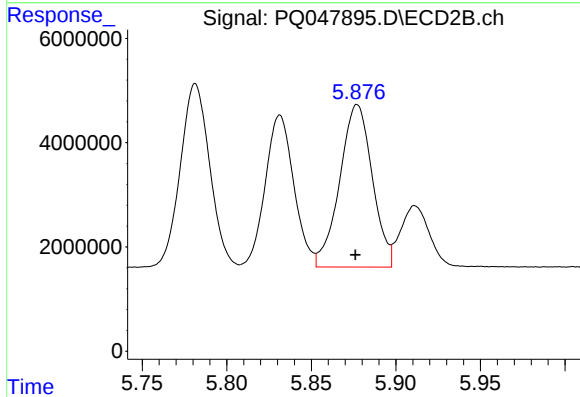
R.T.: 5.781 min
Delta R.T.: 0.001 min
Response: 42475882
Conc: 678.67 ng/ml



#19 AR-1242-4

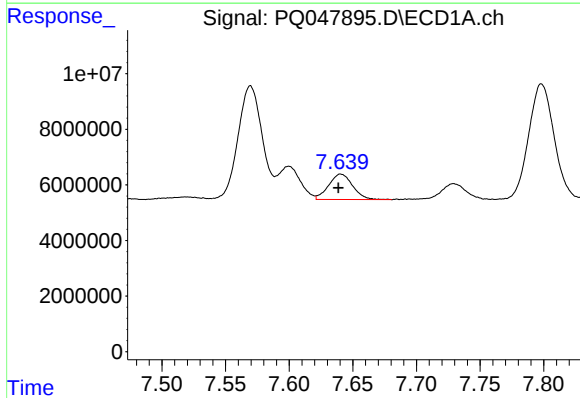
R.T.: 6.854 min
Delta R.T.: 0.001 min
Response: 84561022
Conc: 636.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



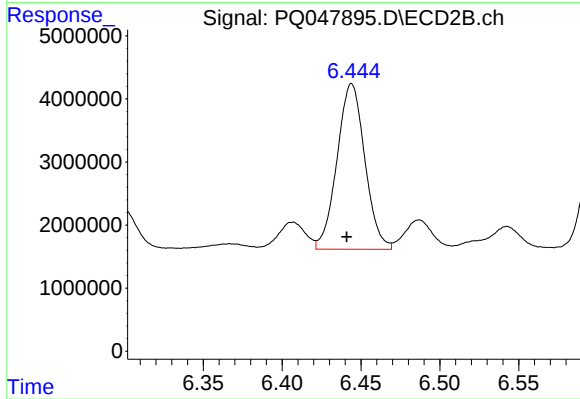
#19 AR-1242-4

R.T.: 5.877 min
Delta R.T.: 0.001 min
Response: 41822202
Conc: 684.26 ng/ml



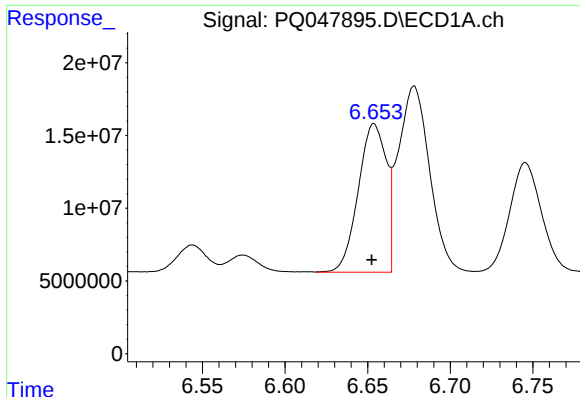
#20 AR-1242-5

R.T.: 7.641 min
Delta R.T.: 0.002 min
Response: 11958645
Conc: 85.62 ng/ml



#20 AR-1242-5

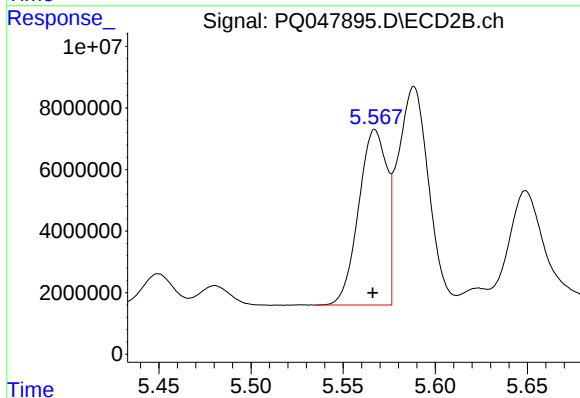
R.T.: 6.444 min
Delta R.T.: 0.003 min
Response: 32274278
Conc: 393.68 ng/ml



#21 AR-1248-1

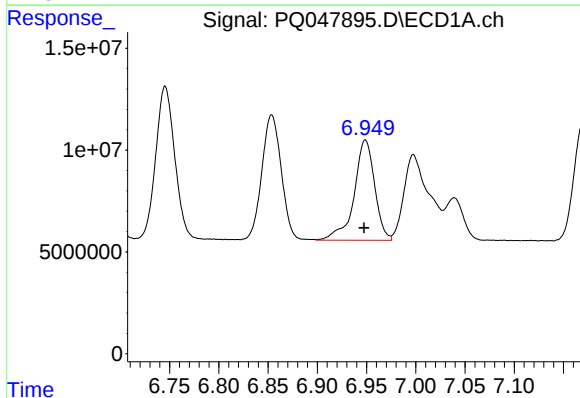
R.T.: 6.654 min
Delta R.T.: 0.002 min
Response: 120730655
Conc: 893.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



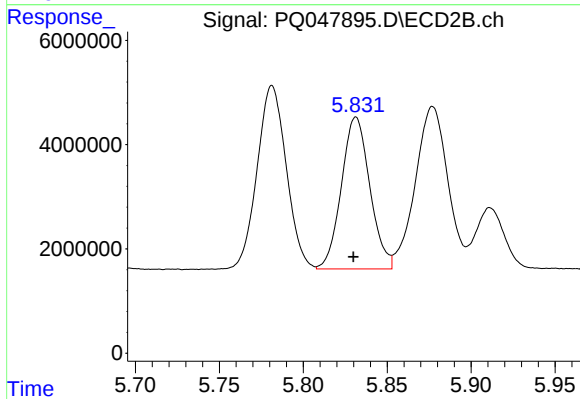
#21 AR-1248-1

R.T.: 5.567 min
Delta R.T.: 0.001 min
Response: 60952171
Conc: 913.54 ng/ml



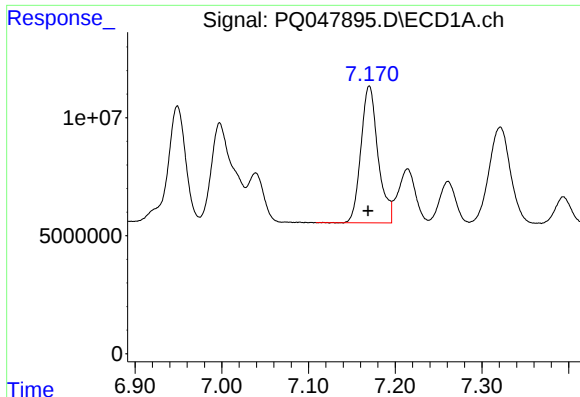
#22 AR-1248-2

R.T.: 6.949 min
Delta R.T.: 0.001 min
Response: 71714576
Conc: 415.03 ng/ml



#22 AR-1248-2

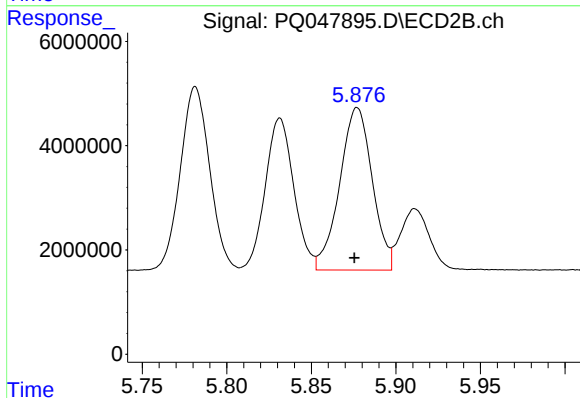
R.T.: 5.831 min
Delta R.T.: 0.001 min
Response: 34393195
Conc: 417.61 ng/ml



#23 AR-1248-3

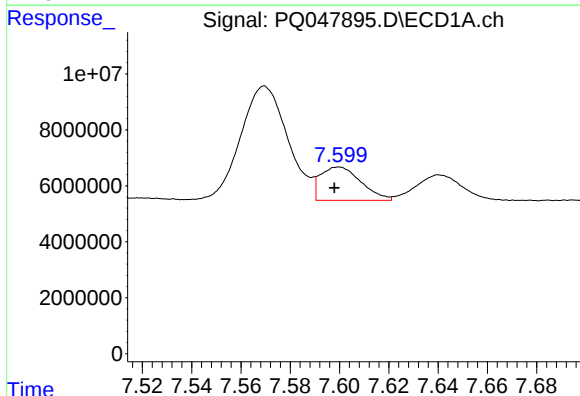
R.T.: 7.170 min
Delta R.T.: 0.001 min
Response: 79430913
Conc: 402.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



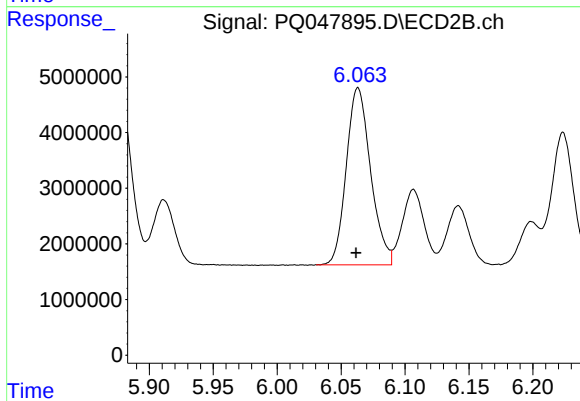
#23 AR-1248-3

R.T.: 5.877 min
Delta R.T.: 0.002 min
Response: 41822202
Conc: 496.50 ng/ml



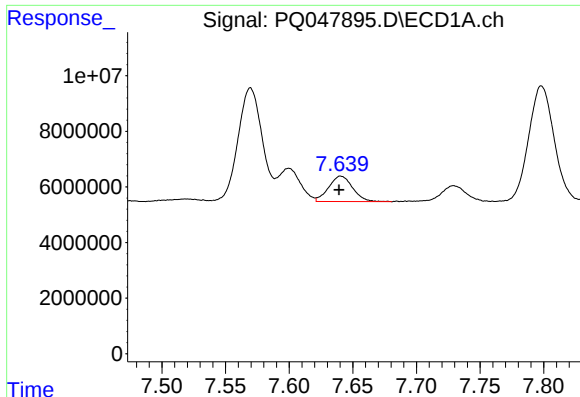
#24 AR-1248-4

R.T.: 7.600 min
Delta R.T.: 0.002 min
Response: 13582937
Conc: 60.74 ng/ml



#24 AR-1248-4

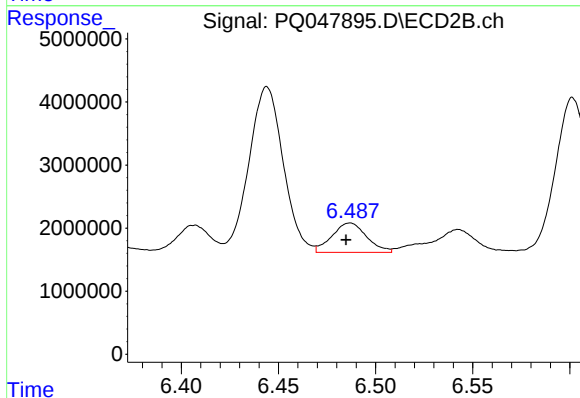
R.T.: 6.063 min
Delta R.T.: 0.002 min
Response: 42217116
Conc: 403.32 ng/ml



#25 AR-1248-5

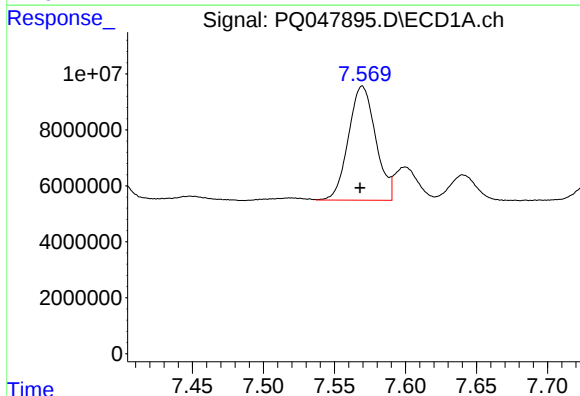
R.T.: 7.641 min
Delta R.T.: 0.001 min
Response: 11958645
Conc: 56.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



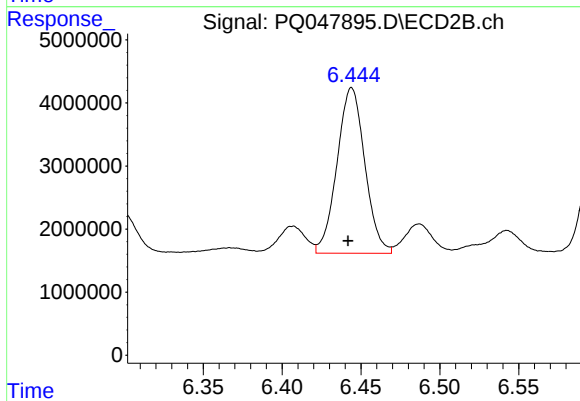
#25 AR-1248-5

R.T.: 6.487 min
Delta R.T.: 0.002 min
Response: 5795963
Conc: 56.14 ng/ml



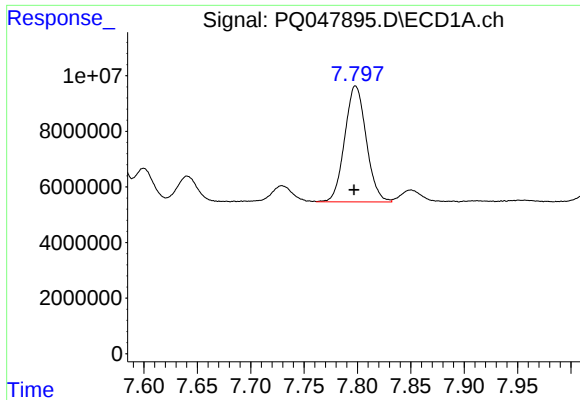
#26 AR-1254-1

R.T.: 7.570 min
Delta R.T.: 0.002 min
Response: 54362090
Conc: 239.84 ng/ml



#26 AR-1254-1

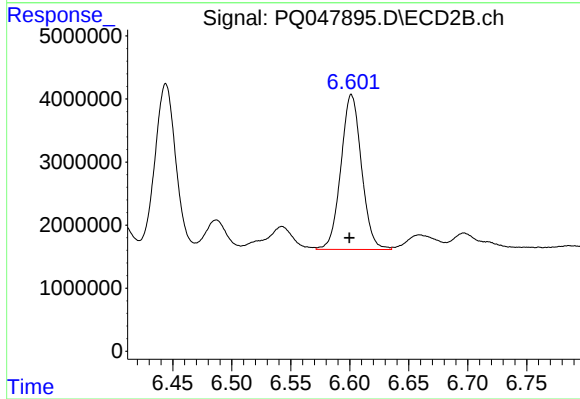
R.T.: 6.444 min
Delta R.T.: 0.002 min
Response: 32274278
Conc: 190.04 ng/ml



#27 AR-1254-2

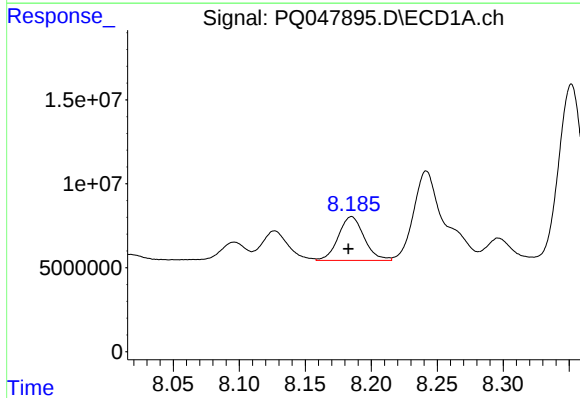
R.T.: 7.798 min
Delta R.T.: 0.002 min
Response: 58534335
Conc: 165.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



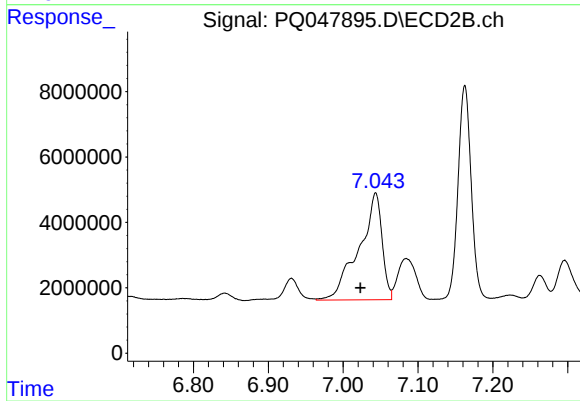
#27 AR-1254-2

R.T.: 6.601 min
Delta R.T.: 0.002 min
Response: 29921983
Conc: 203.49 ng/ml



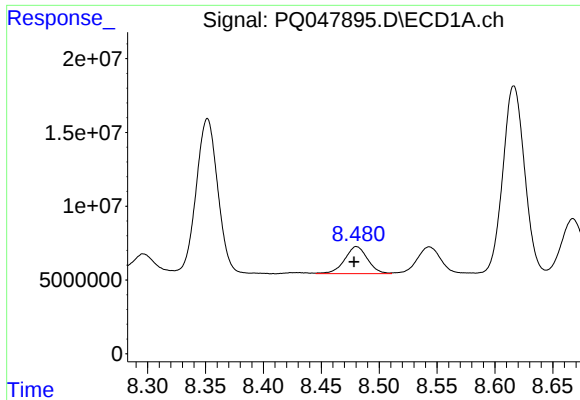
#28 AR-1254-3

R.T.: 8.185 min
Delta R.T.: 0.002 min
Response: 35571357
Conc: 93.33 ng/ml



#28 AR-1254-3

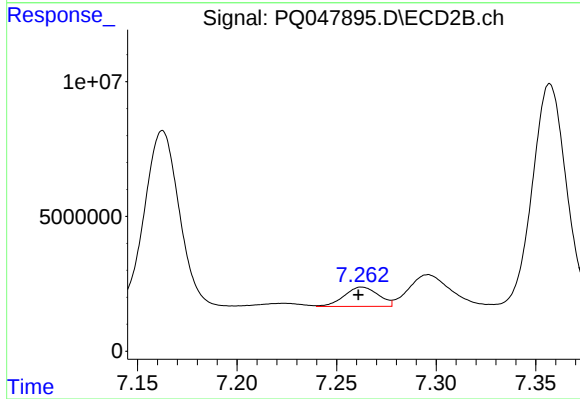
R.T.: 7.043 min
Delta R.T.: 0.020 min
Response: 70122884
Conc: 287.53 ng/ml



#29 AR-1254-4

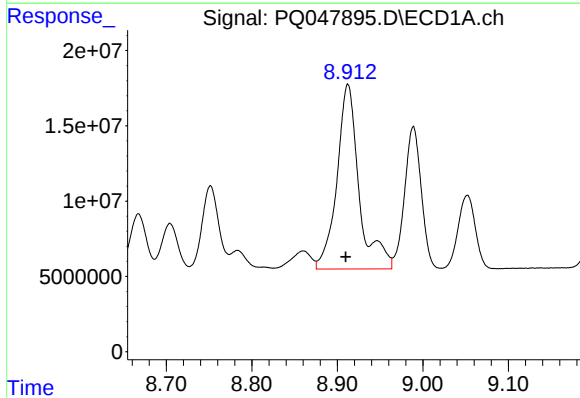
R.T.: 8.481 min
Delta R.T.: 0.002 min
Response: 25226435
Conc: 87.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



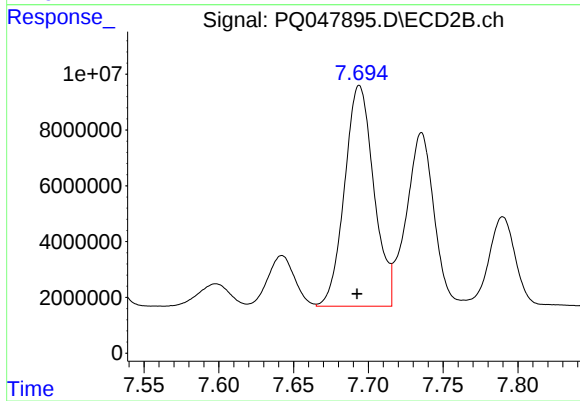
#29 AR-1254-4

R.T.: 7.263 min
Delta R.T.: 0.002 min
Response: 8477991
Conc: 54.53 ng/ml



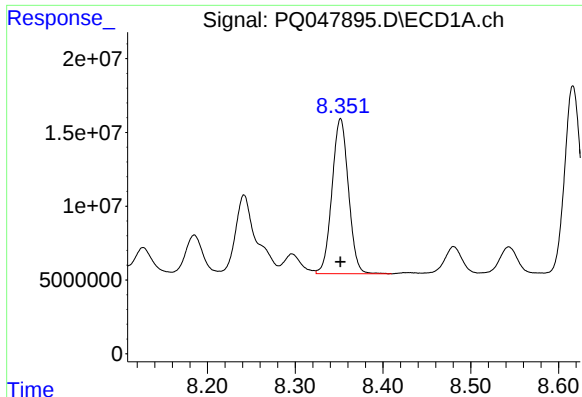
#30 AR-1254-5

R.T.: 8.912 min
Delta R.T.: 0.003 min
Response: 221105825
Conc: 704.24 ng/ml



#30 AR-1254-5

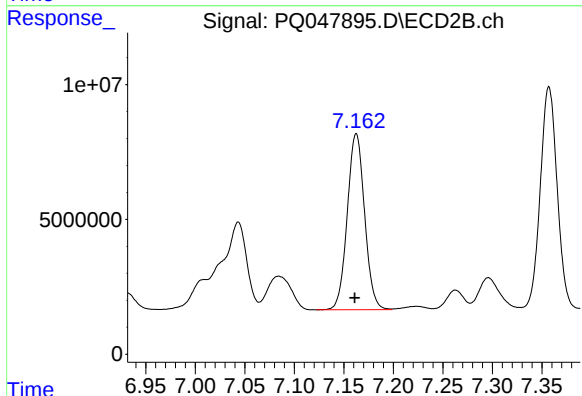
R.T.: 7.694 min
Delta R.T.: 0.002 min
Response: 107795738
Conc: 521.66 ng/ml



#31 AR-1260-1

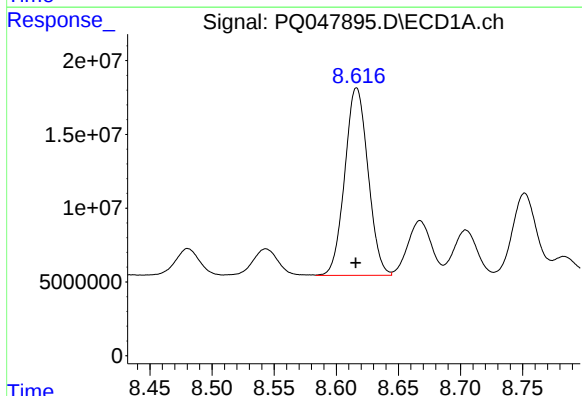
R.T.: 8.352 min
Delta R.T.: 0.000 min
Response: 136949343
Conc: 464.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



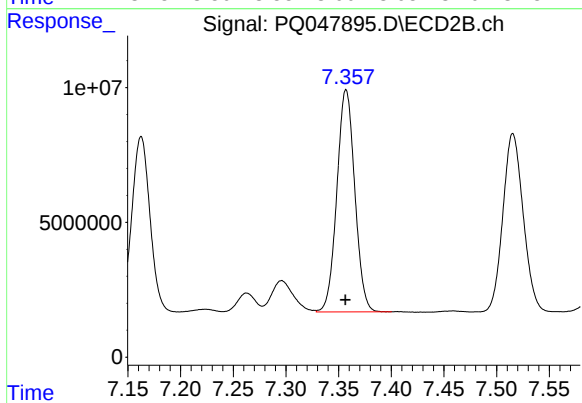
#31 AR-1260-1

R.T.: 7.163 min
Delta R.T.: 0.002 min
Response: 79511588
Conc: 486.19 ng/ml



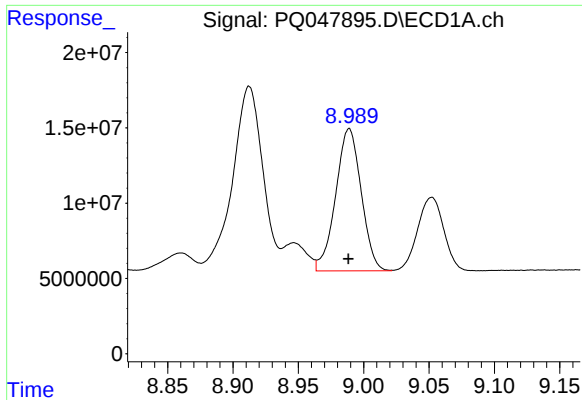
#32 AR-1260-2

R.T.: 8.616 min
Delta R.T.: 0.000 min
Response: 165300260
Conc: 481.55 ng/ml



#32 AR-1260-2

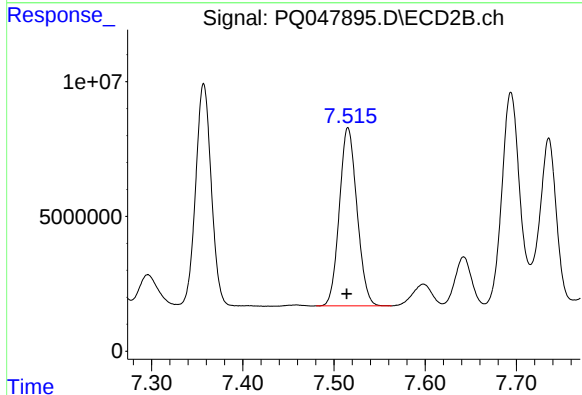
R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 97785278
Conc: 498.88 ng/ml



#33 AR-1260-3

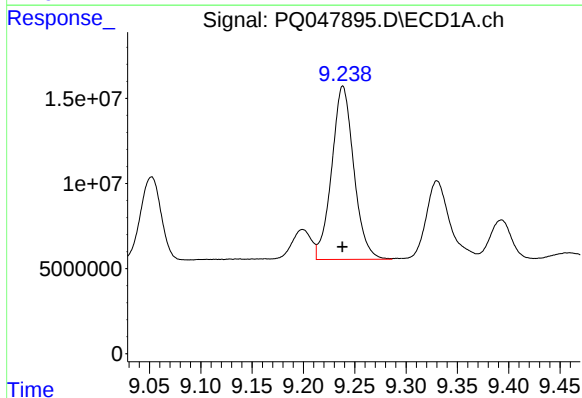
R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 128510850
Conc: 485.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



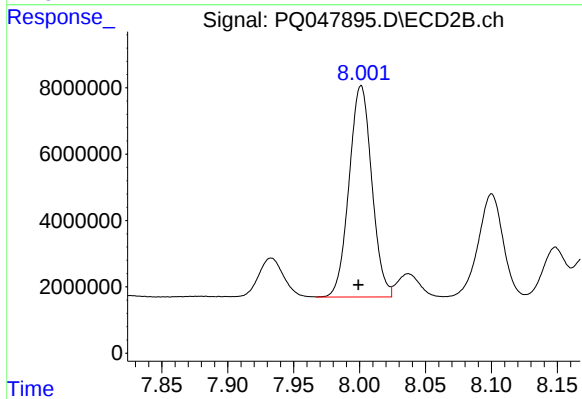
#33 AR-1260-3

R.T.: 7.515 min
Delta R.T.: 0.001 min
Response: 88626331
Conc: 501.73 ng/ml



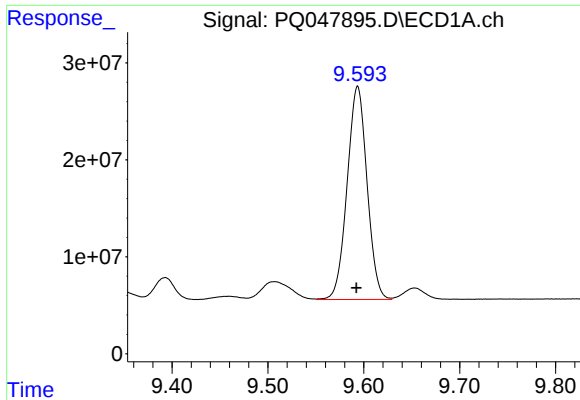
#34 AR-1260-4

R.T.: 9.239 min
Delta R.T.: 0.000 min
Response: 152659950
Conc: 499.69 ng/ml



#34 AR-1260-4

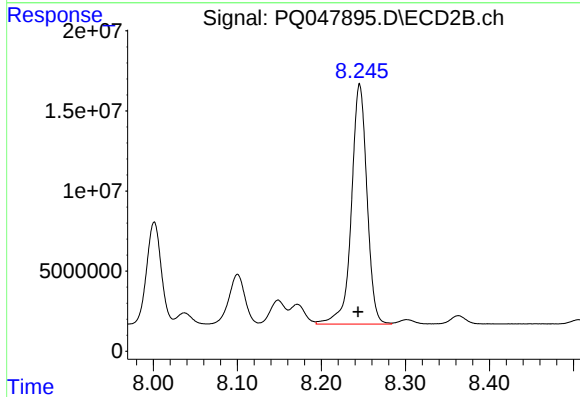
R.T.: 8.001 min
Delta R.T.: 0.002 min
Response: 76468231
Conc: 482.80 ng/ml



#35 AR-1260-5

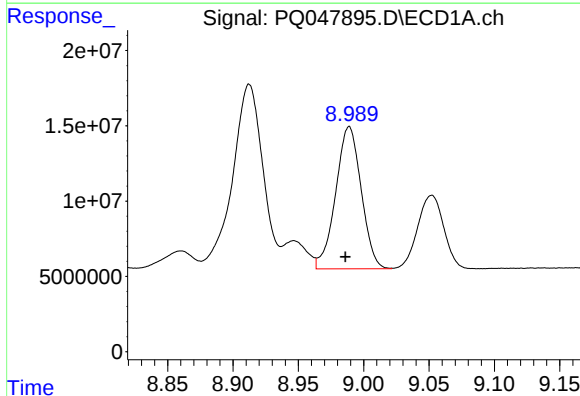
R.T.: 9.594 min
Delta R.T.: 0.001 min
Response: 319355096
Conc: 491.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



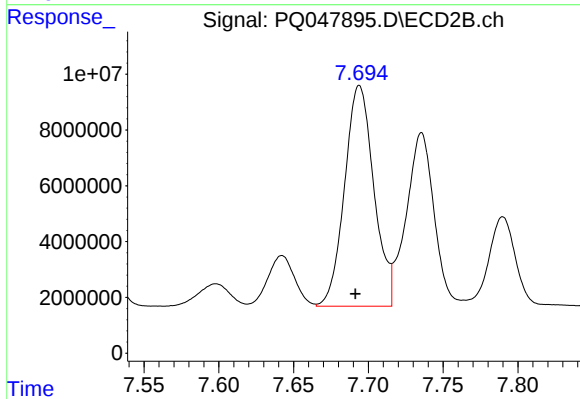
#35 AR-1260-5

R.T.: 8.246 min
Delta R.T.: 0.002 min
Response: 192485548
Conc: 494.54 ng/ml



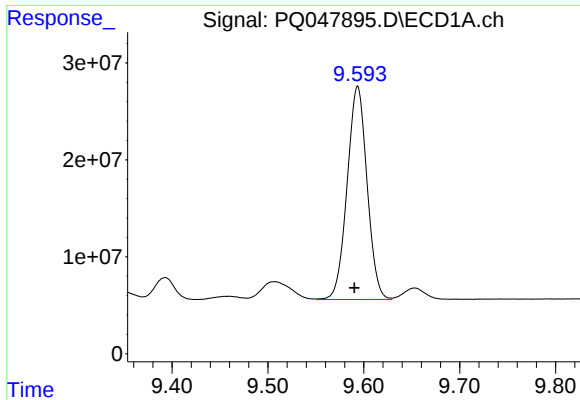
#36 AR-1262-1

R.T.: 8.989 min
Delta R.T.: 0.003 min
Response: 128510850
Conc: 377.08 ng/ml



#36 AR-1262-1

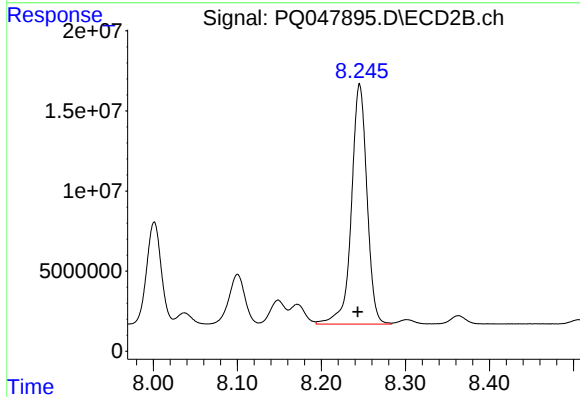
R.T.: 7.694 min
Delta R.T.: 0.003 min
Response: 107795738
Conc: 1064.36 ng/ml



#37 AR-1262-2

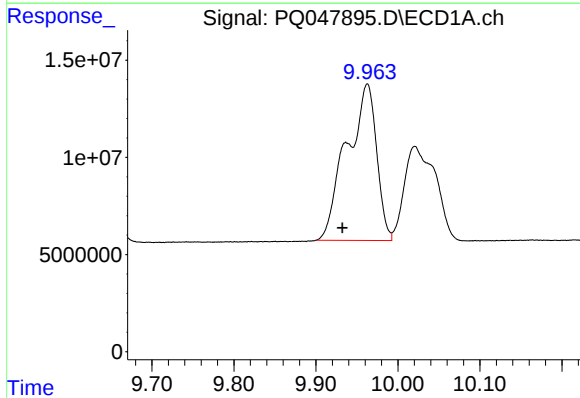
R.T.: 9.594 min
Delta R.T.: 0.003 min
Response: 319355096
Conc: 478.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



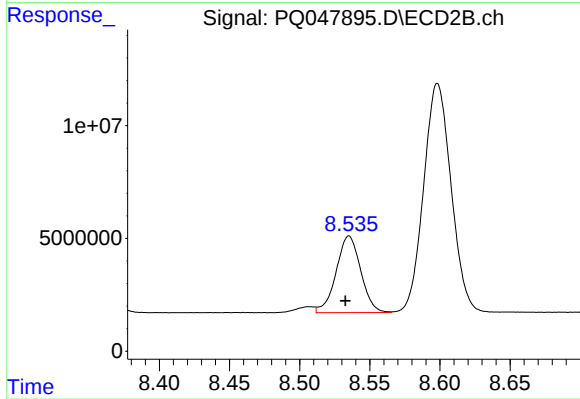
#37 AR-1262-2

R.T.: 8.246 min
Delta R.T.: 0.002 min
Response: 192485548
Conc: 487.91 ng/ml



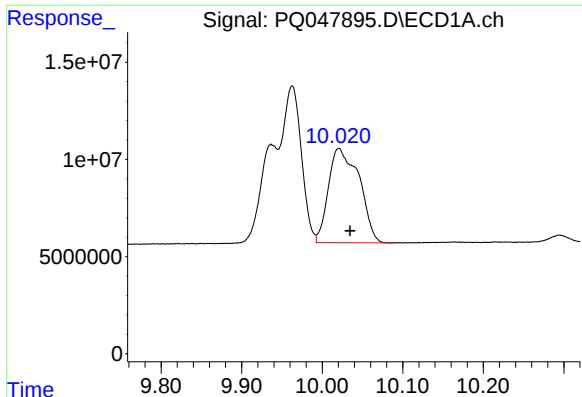
#38 AR-1262-3

R.T.: 9.963 min
Delta R.T.: 0.030 min
Response: 204393068
Conc: 445.16 ng/ml



#38 AR-1262-3

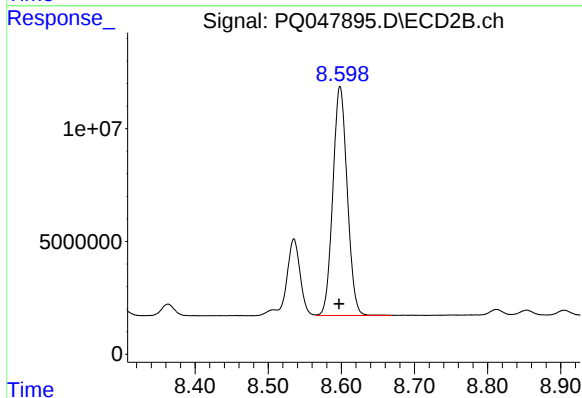
R.T.: 8.535 min
Delta R.T.: 0.002 min
Response: 41394738
Conc: 287.17 ng/ml



#39 AR-1262-4

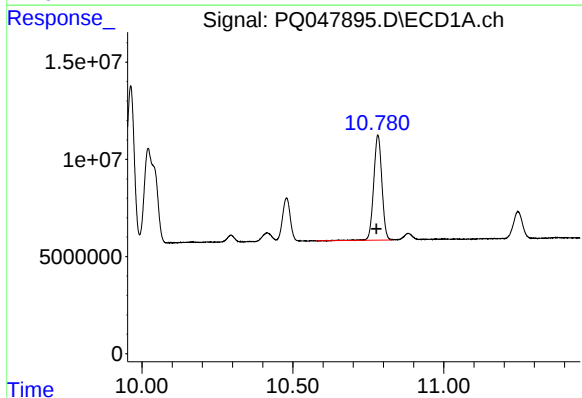
R.T.: 10.021 min
Delta R.T.: -0.014 min
Response: 128848604
Conc: 371.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



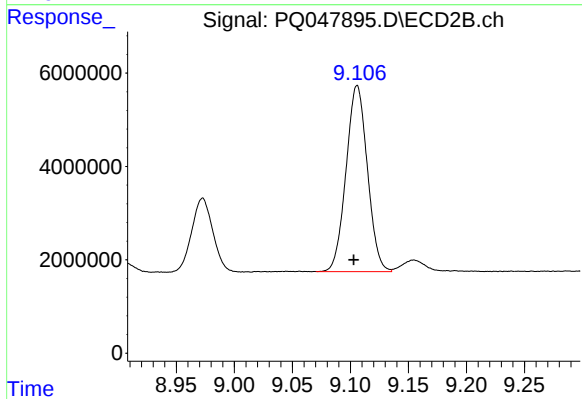
#39 AR-1262-4

R.T.: 8.598 min
Delta R.T.: 0.001 min
Response: 138704425
Conc: 483.47 ng/ml



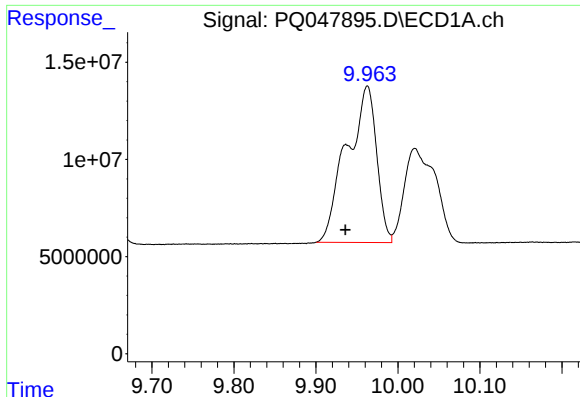
#40 AR-1262-5

R.T.: 10.782 min
Delta R.T.: 0.005 min
Response: 102176111
Conc: 399.82 ng/ml



#40 AR-1262-5

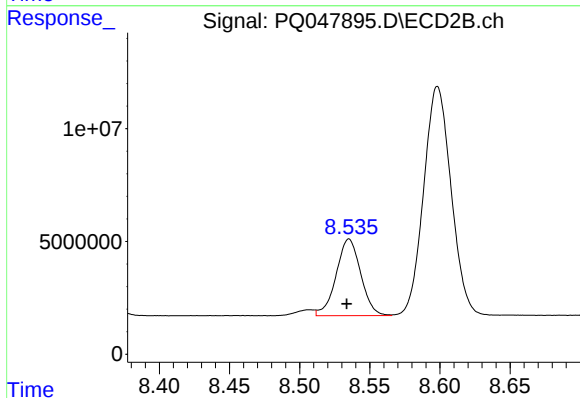
R.T.: 9.106 min
Delta R.T.: 0.003 min
Response: 51073418
Conc: 379.95 ng/ml



#41 AR-1268-1

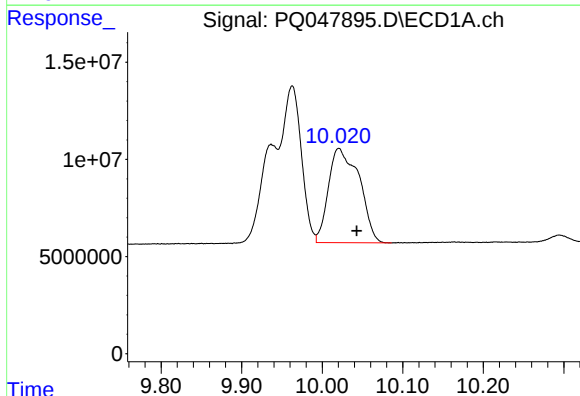
R.T.: 9.963 min
Delta R.T.: 0.027 min
Response: 204393068
Conc: 216.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



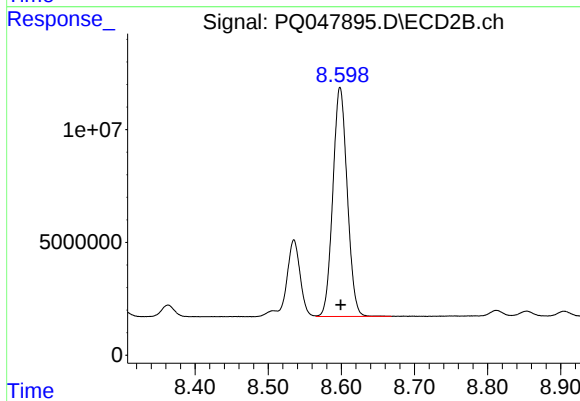
#41 AR-1268-1

R.T.: 8.535 min
Delta R.T.: 0.002 min
Response: 41394738
Conc: 77.96 ng/ml



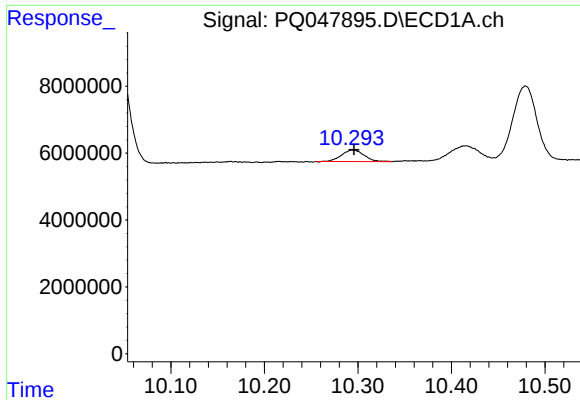
#42 AR-1268-2

R.T.: 10.021 min
Delta R.T.: -0.022 min
Response: 128848604
Conc: 144.44 ng/ml



#42 AR-1268-2

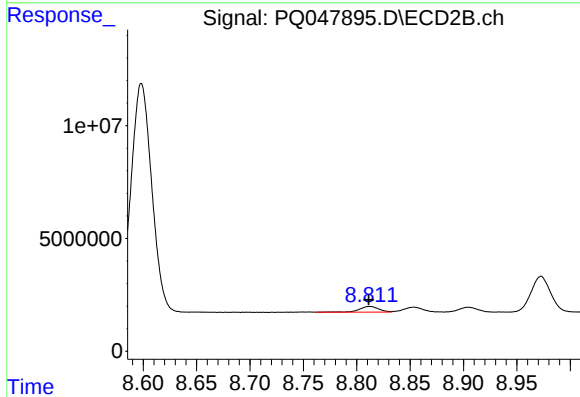
R.T.: 8.598 min
Delta R.T.: 0.000 min
Response: 138704425
Conc: 274.58 ng/ml



#43 AR-1268-3

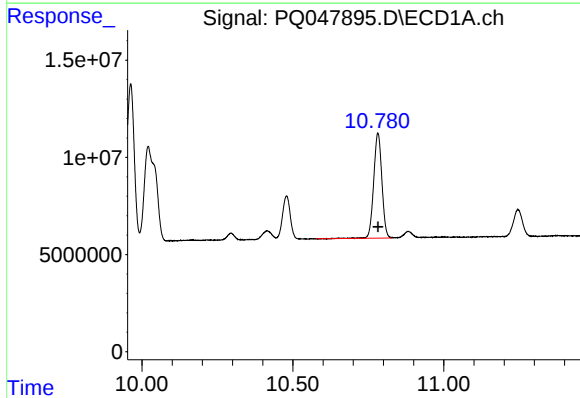
R.T.: 10.295 min
Delta R.T.: -0.001 min
Response: 5758703
Conc: 7.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



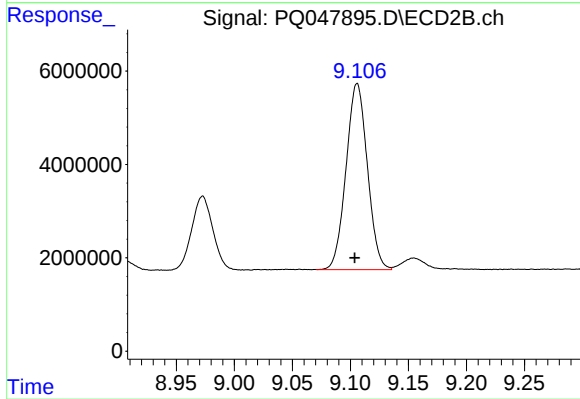
#43 AR-1268-3

R.T.: 8.812 min
Delta R.T.: 0.000 min
Response: 3257026
Conc: 7.83 ng/ml



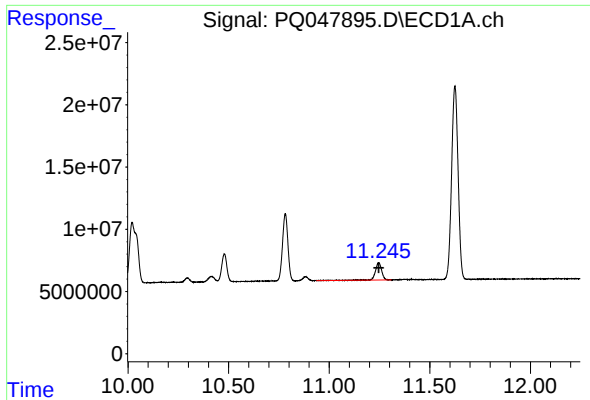
#44 AR-1268-4

R.T.: 10.782 min
Delta R.T.: 0.000 min
Response: 102176111
Conc: 294.92 ng/ml



#44 AR-1268-4

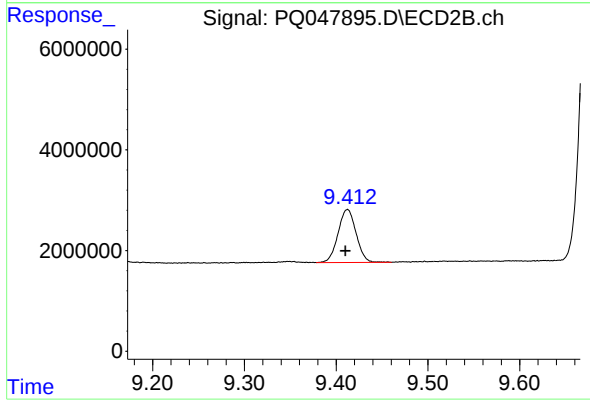
R.T.: 9.106 min
Delta R.T.: 0.002 min
Response: 51073418
Conc: 277.40 ng/ml



#45 AR-1268-5

R.T.: 11.246 min
Delta R.T.: 0.000 min
Response: 31530205
Conc: 11.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.412 min
Delta R.T.: 0.002 min
Response: 14396966
Conc: 10.09 ng/ml