

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052820\
 Data File : PQ047886.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2020 08:08
 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 10:49:27 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	4.298	366.7E6	169.9E6	51.317	50.915
2)	SA Decachlor...	11.621	9.677	344.0E6	173.1E6	48.168	47.852
Target Compounds							
3)	L1 AR-1016-1	6.654	5.566	119.1E6	58315495	488.916	491.715
4)	L1 AR-1016-2	6.678	5.586	167.2E6	81870670	493.869	495.793
5)	L1 AR-1016-3	6.746	5.780	100.1E6	41230560	477.306	510.721
6)	L1 AR-1016-4	6.854	5.830	83006024	33510333	488.237	519.890
7)	L1 AR-1016-5	7.169	6.061	79592036	41349349	474.065	485.134
8)	L2 AR-1221-1	5.568	4.556	9876296	5615878	131.037	159.254
9)	L2 AR-1221-2	5.675	4.658	15847210	7595428	281.169	287.639
10)	L2 AR-1221-3	5.763	4.748	59922315	28161745	340.016	336.670
11)	L3 AR-1232-1	5.763	4.748	59922315	28161745	429.737	417.661
12)	L3 AR-1232-2	6.358	5.586	81155069	81870670	1142.326	1241.697
13)	L3 AR-1232-3	6.678	5.780	167.2E6	41230560	1195.049	1281.800
14)	L3 AR-1232-4	6.854	5.875	83006024	40819708	1208.978	1441.412
15)	L3 AR-1232-5	6.949	6.061	70865015	41349349	1375.434	1307.856
16)	L4 AR-1242-1	6.654	5.566	119.1E6	58315495	632.256	638.844
17)	L4 AR-1242-2	6.678	5.586	167.2E6	81870670	649.207	655.788
18)	L4 AR-1242-3	6.746	5.780	100.1E6	41230560	619.258	658.773
19)	L4 AR-1242-4	6.854	5.875	83006024	40819708	624.377	667.861
20)	L4 AR-1242-5	7.639	6.442	12542417	31718538	89.797	386.904 #
21)	L5 AR-1248-1	6.654	5.566	119.1E6	58315495	881.847	874.023
22)	L5 AR-1248-2	6.949	5.830	70865015	33510333	410.113	406.886
23)	L5 AR-1248-3	7.169	5.875	79592036	40819708	403.199	484.597
24)	L5 AR-1248-4	7.599	6.061	14451311	41349349	64.628	395.026 #
25)	L5 AR-1248-5	7.639	6.484	12542417	5568580	58.848	53.940
26)	L6 AR-1254-1	7.569	6.442	54623104	31718538	240.989	186.768
27)	L6 AR-1254-2	7.797	6.600	58221865	29391805	164.115	199.888
28)	L6 AR-1254-3	8.184	7.041	33971630	69288502	89.130	284.113 #
29)	L6 AR-1254-4	8.479	7.261	25668177	8375079	88.596	53.873 #
30)	L6 AR-1254-5	8.911	7.691	198.9E6	107.1E6	633.604	518.395
31)	L7 AR-1260-1	8.350	7.160	136.8E6	78866864	463.919	482.244
32)	L7 AR-1260-2	8.615	7.355	166.1E6	97129248	483.953	495.535
33)	L7 AR-1260-3	8.987	7.513	128.4E6	87945319	484.950	497.877
34)	L7 AR-1260-4	9.236	7.998	151.0E6	76479978	494.290	482.879
35)	L7 AR-1260-5	9.592	8.242	316.0E6	193.7E6	486.472	497.790
36)	L8 AR-1262-1	8.987	7.691	128.4E6	107.1E6	376.809	1057.707 #
37)	L8 AR-1262-2	9.592	8.242	316.0E6	193.7E6	473.656	491.116
38)	L8 AR-1262-3	9.935	8.532	69700589	50263788	151.805	348.698 #
39)	L8 AR-1262-4	10.018	8.595	127.4E6	143.9E6	366.796	501.610 #
40)	L8 AR-1262-5	10.778	9.102	100.9E6	51953148	394.966	386.493
41)	L9 AR-1268-1	9.935	8.532	69700589	50263788	73.794	94.662 #

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 Acq On : 28 May 2020 08:08
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

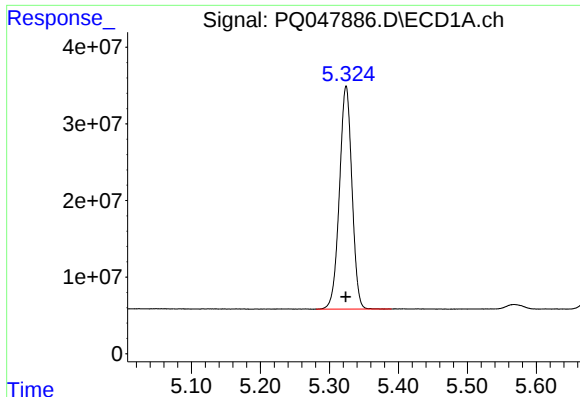
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 28 10:49:27 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052720.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	10.018	8.595	127.4E6	143.9E6	142.789	284.886 #
43) L9	AR-1268-3	10.293	8.809	7672853	3276205	10.218	7.881
44) L9	AR-1268-4	10.778	9.102	100.9E6	51953148	291.342	282.175
45) L9	AR-1268-5	11.243	9.408	29498926	14704556	11.186	10.301

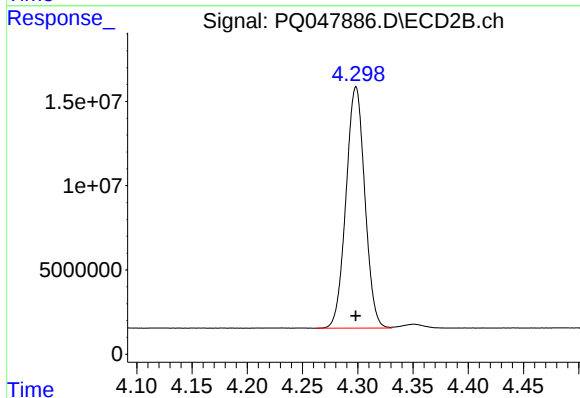
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

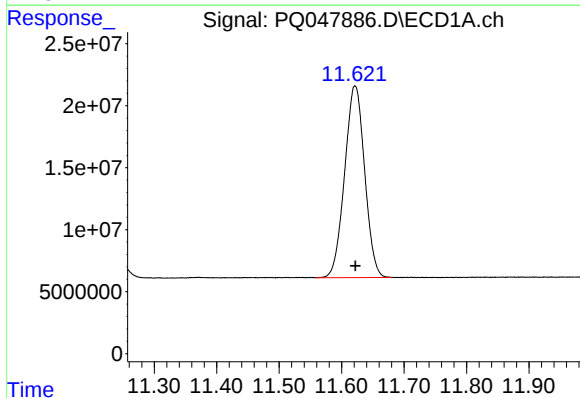
R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 366678409
Conc: 51.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



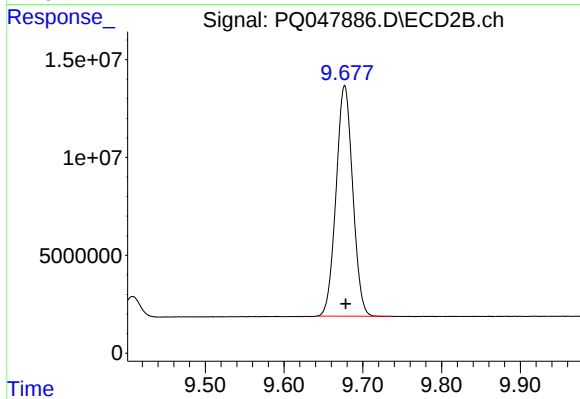
#1 Tetrachloro-m-xylene

R.T.: 4.298 min
Delta R.T.: 0.000 min
Response: 169903847
Conc: 50.91 ng/ml



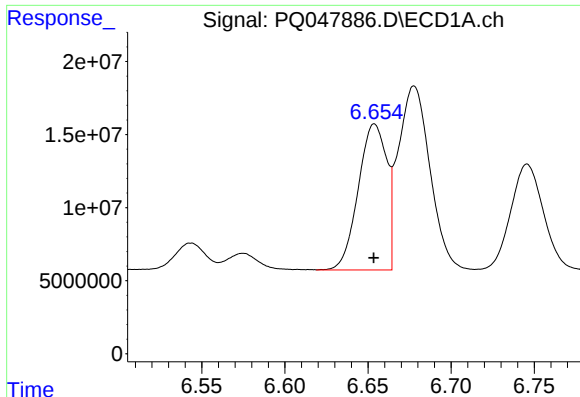
#2 Decachlorobiphenyl

R.T.: 11.621 min
Delta R.T.: 0.000 min
Response: 344023554
Conc: 48.17 ng/ml



#2 Decachlorobiphenyl

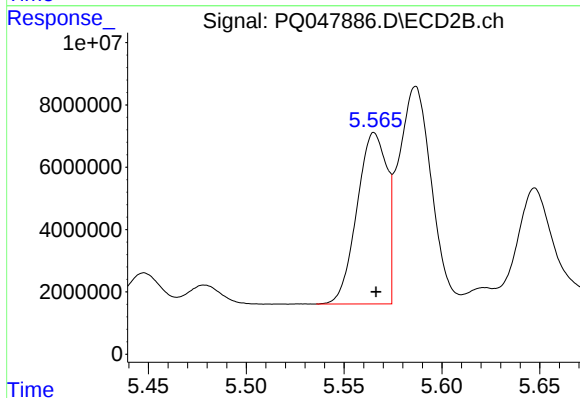
R.T.: 9.677 min
Delta R.T.: -0.002 min
Response: 173054881
Conc: 47.85 ng/ml



#3 AR-1016-1

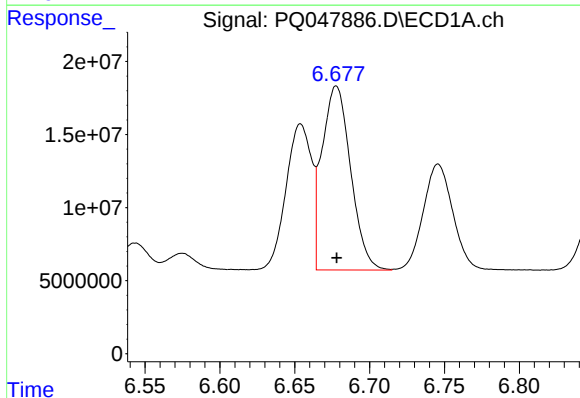
R.T.: 6.654 min
Delta R.T.: 0.000 min
Response: 119135700
Conc: 488.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



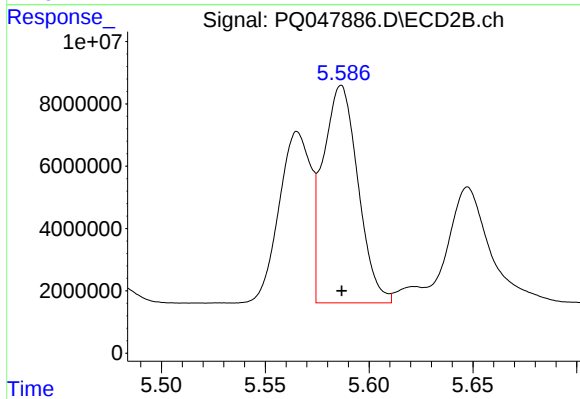
#3 AR-1016-1

R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 58315495
Conc: 491.72 ng/ml



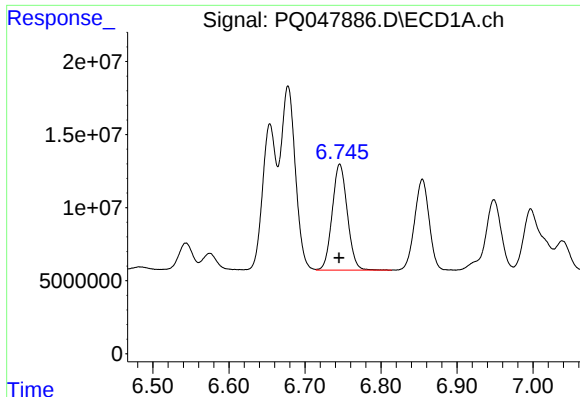
#4 AR-1016-2

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 167198144
Conc: 493.87 ng/ml



#4 AR-1016-2

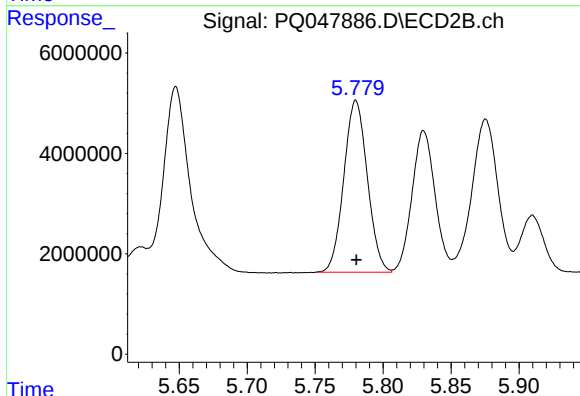
R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 81870670
Conc: 495.79 ng/ml



#5 AR-1016-3

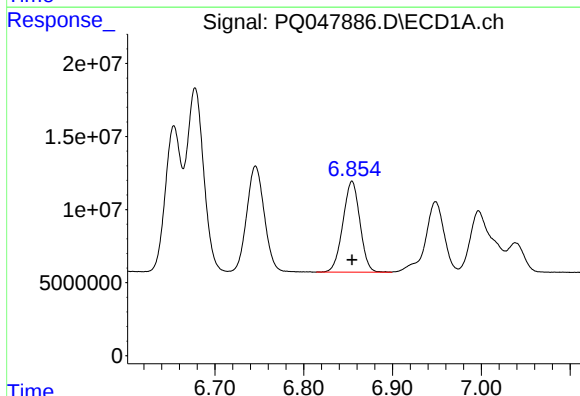
R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 100107940
Conc: 477.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



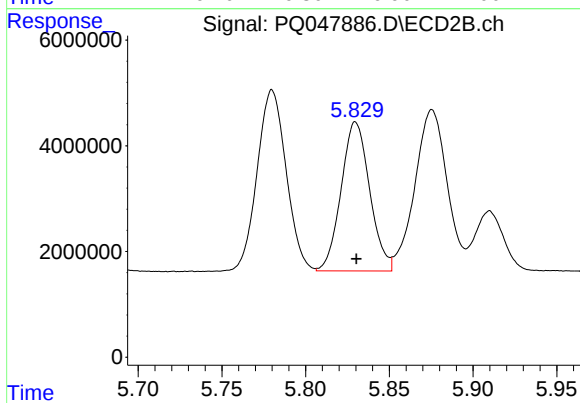
#5 AR-1016-3

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 41230560
Conc: 510.72 ng/ml



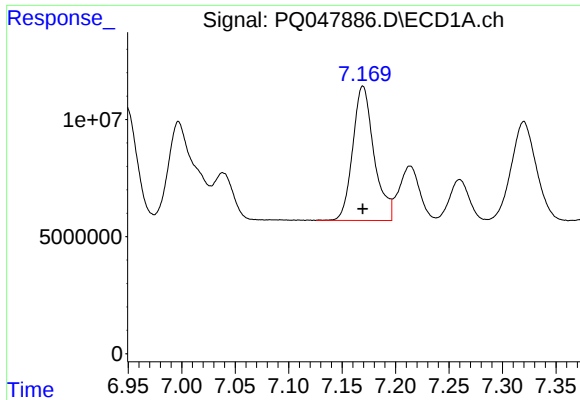
#6 AR-1016-4

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 83006024
Conc: 488.24 ng/ml



#6 AR-1016-4

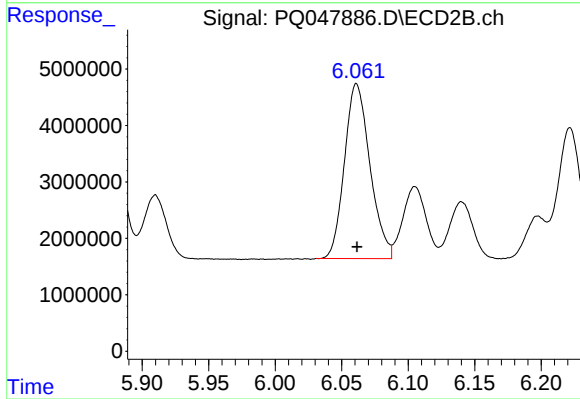
R.T.: 5.830 min
Delta R.T.: 0.000 min
Response: 33510333
Conc: 519.89 ng/ml



#7 AR-1016-5

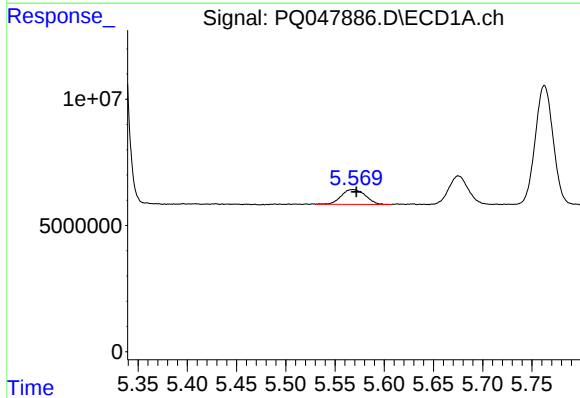
R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 79592036
Conc: 474.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



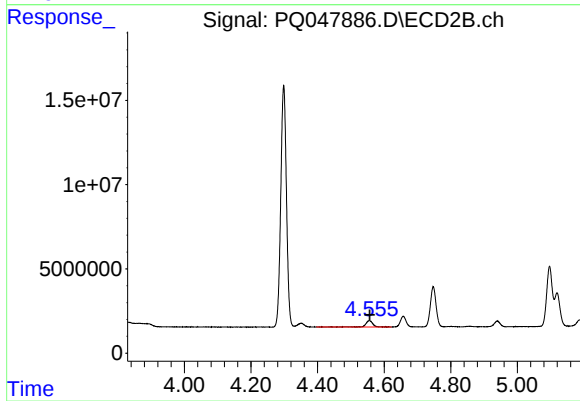
#7 AR-1016-5

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 41349349
Conc: 485.13 ng/ml



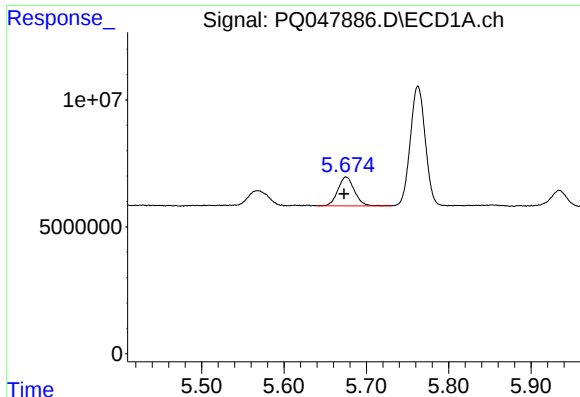
#8 AR-1221-1

R.T.: 5.568 min
Delta R.T.: -0.004 min
Response: 9876296
Conc: 131.04 ng/ml



#8 AR-1221-1

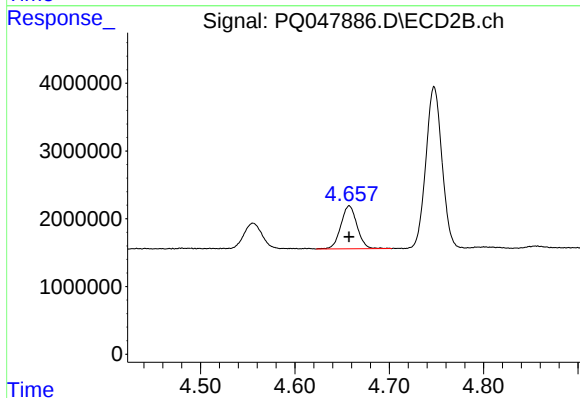
R.T.: 4.556 min
Delta R.T.: -0.001 min
Response: 5615878
Conc: 159.25 ng/ml



#9 AR-1221-2

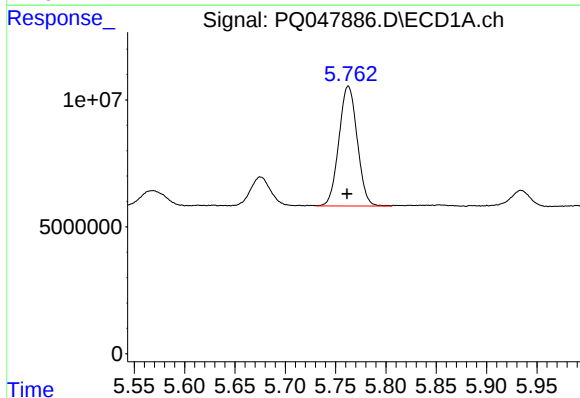
R.T.: 5.675 min
Delta R.T.: 0.002 min
Response: 15847210
Conc: 281.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



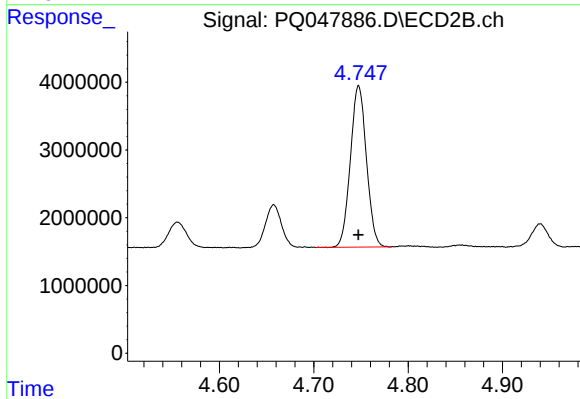
#9 AR-1221-2

R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 7595428
Conc: 287.64 ng/ml



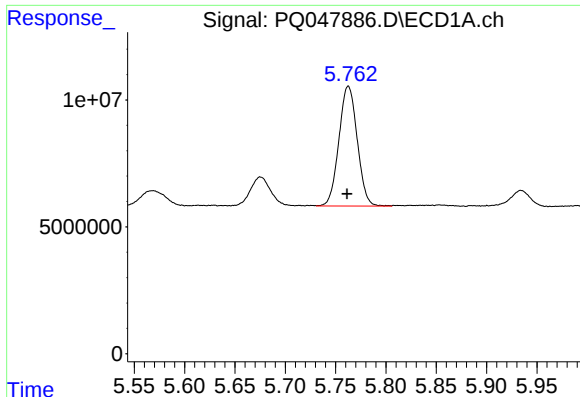
#10 AR-1221-3

R.T.: 5.763 min
Delta R.T.: 0.001 min
Response: 59922315
Conc: 340.02 ng/ml



#10 AR-1221-3

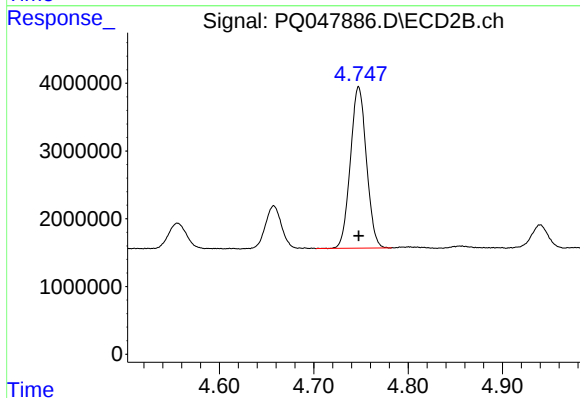
R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 28161745
Conc: 336.67 ng/ml



#11 AR-1232-1

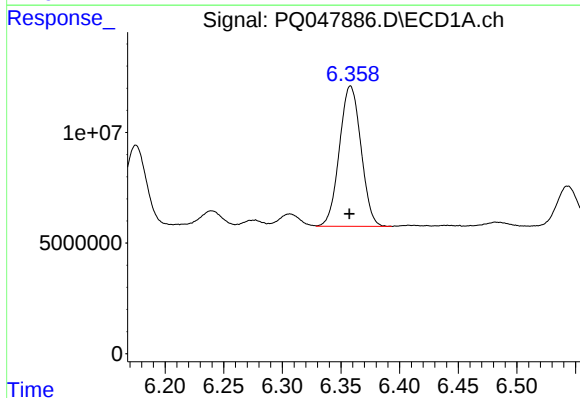
R.T.: 5.763 min
Delta R.T.: 0.001 min
Response: 59922315
Conc: 429.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



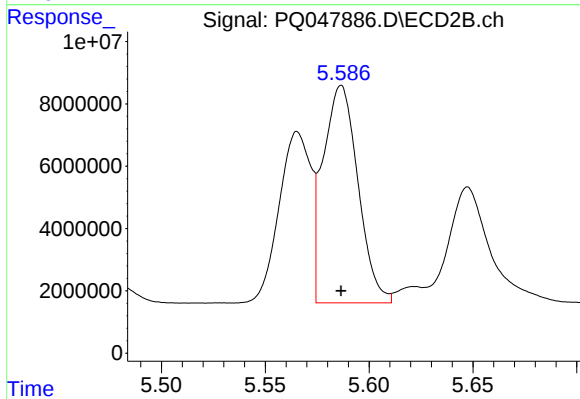
#11 AR-1232-1

R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 28161745
Conc: 417.66 ng/ml



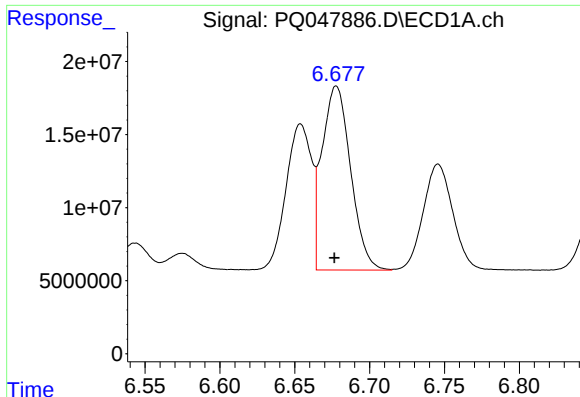
#12 AR-1232-2

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 81155069
Conc: 1142.33 ng/ml



#12 AR-1232-2

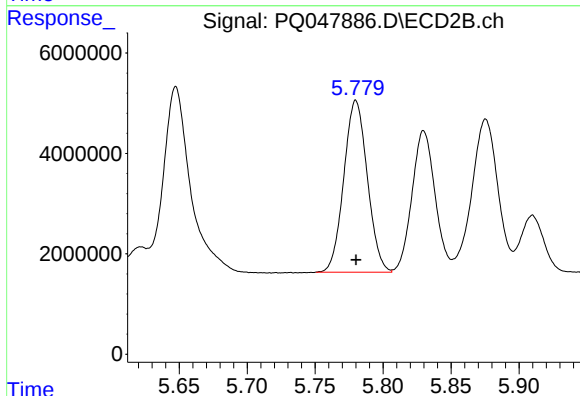
R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 81870670
Conc: 1241.70 ng/ml



#13 AR-1232-3

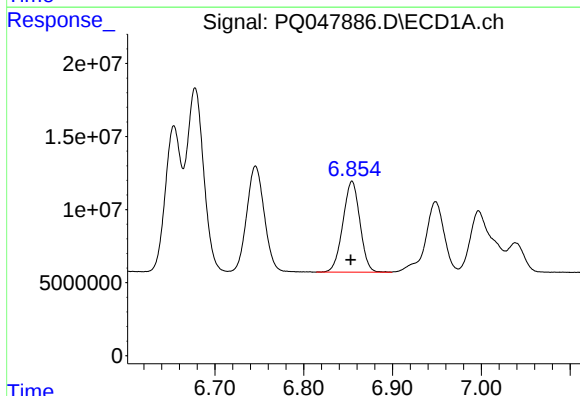
R.T.: 6.678 min
Delta R.T.: 0.001 min
Response: 167198144
Conc: 1195.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



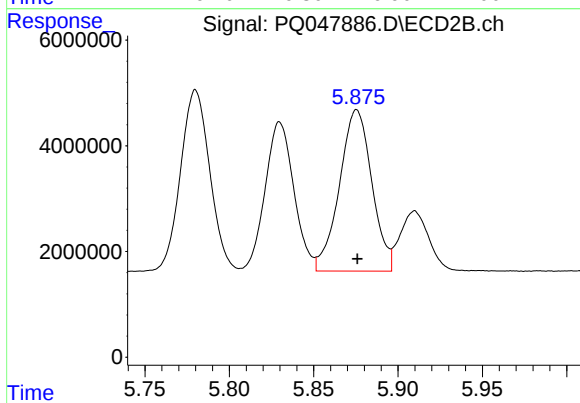
#13 AR-1232-3

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 41230560
Conc: 1281.80 ng/ml



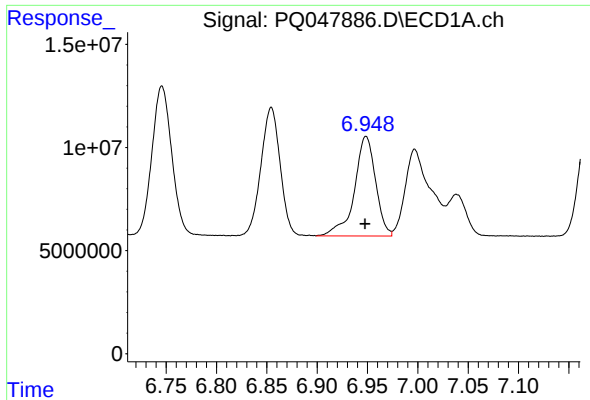
#14 AR-1232-4

R.T.: 6.854 min
Delta R.T.: 0.002 min
Response: 83006024
Conc: 1208.98 ng/ml



#14 AR-1232-4

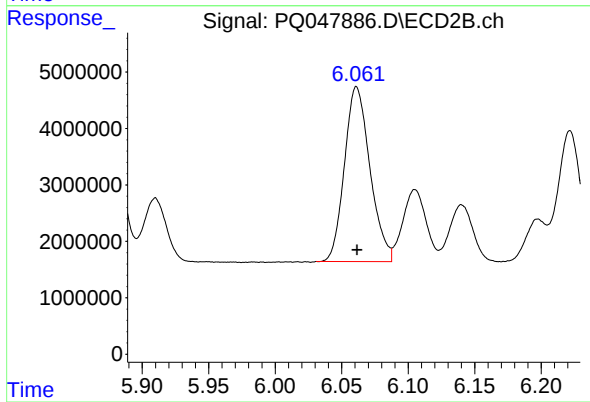
R.T.: 5.875 min
Delta R.T.: 0.000 min
Response: 40819708
Conc: 1441.41 ng/ml



#15 AR-1232-5

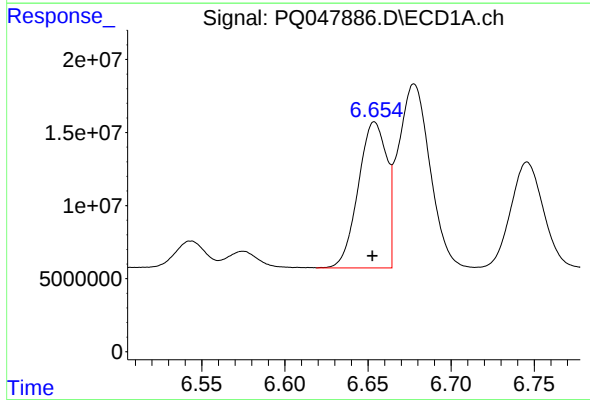
R.T.: 6.949 min
Delta R.T.: 0.000 min
Response: 70865015
Conc: 1375.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



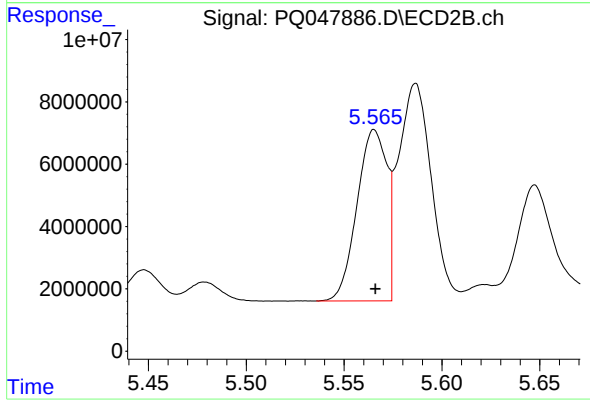
#15 AR-1232-5

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 41349349
Conc: 1307.86 ng/ml



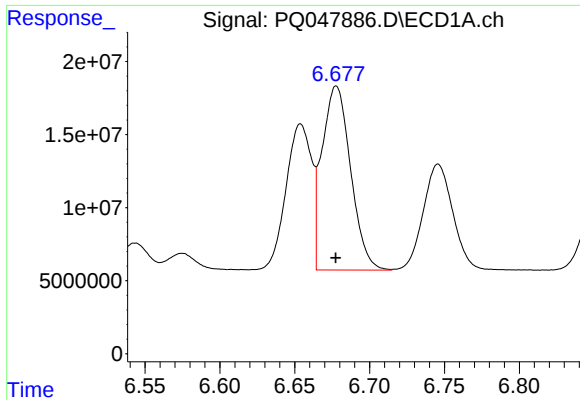
#16 AR-1242-1

R.T.: 6.654 min
Delta R.T.: 0.001 min
Response: 119135700
Conc: 632.26 ng/ml



#16 AR-1242-1

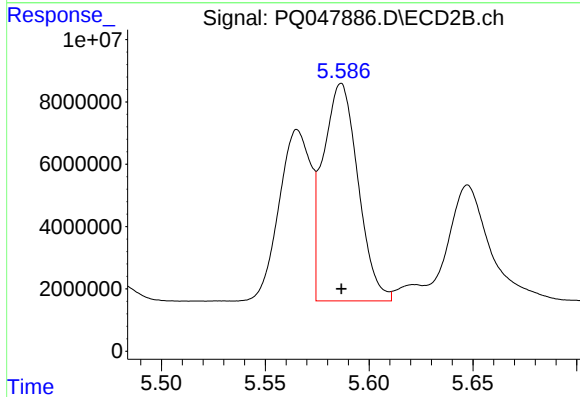
R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 58315495
Conc: 638.84 ng/ml



#17 AR-1242-2

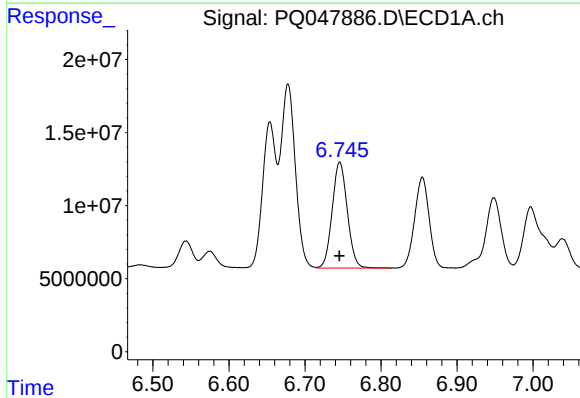
R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 167198144
Conc: 649.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



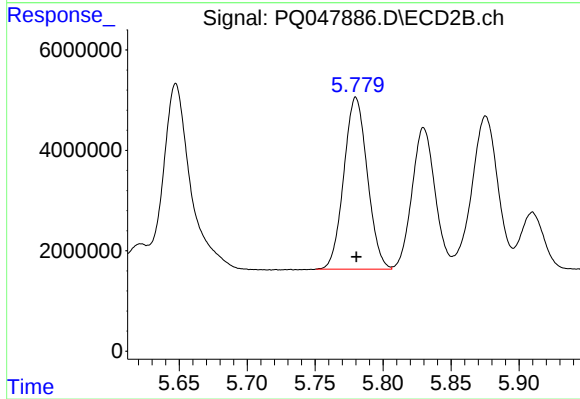
#17 AR-1242-2

R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 81870670
Conc: 655.79 ng/ml



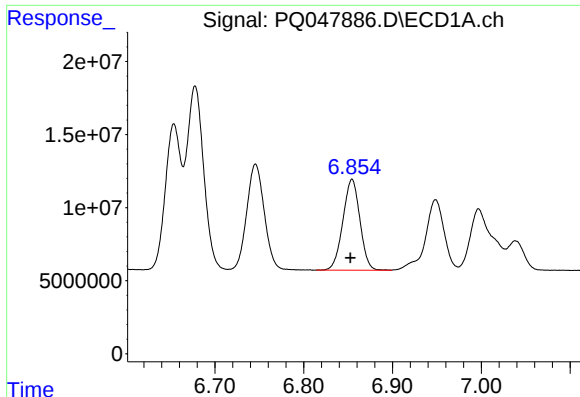
#18 AR-1242-3

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 100107940
Conc: 619.26 ng/ml



#18 AR-1242-3

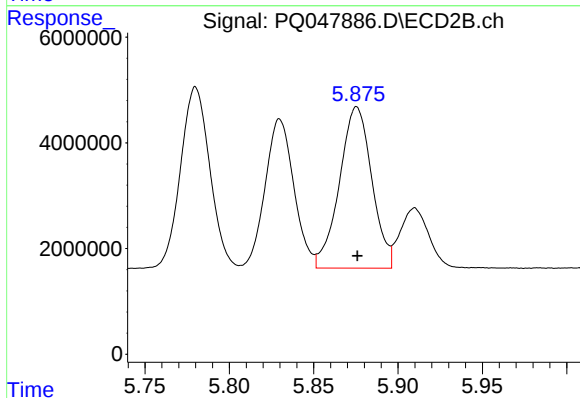
R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 41230560
Conc: 658.77 ng/ml



#19 AR-1242-4

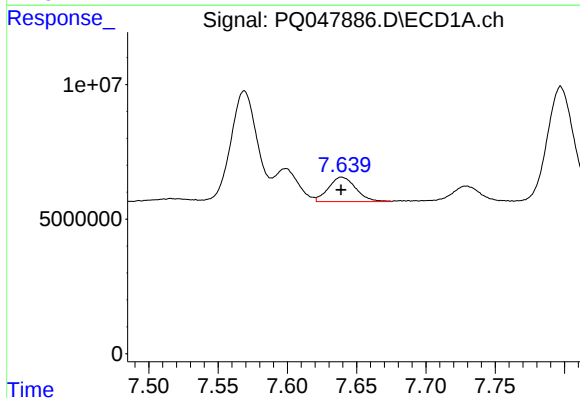
R.T.: 6.854 min
Delta R.T.: 0.002 min
Response: 83006024
Conc: 624.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



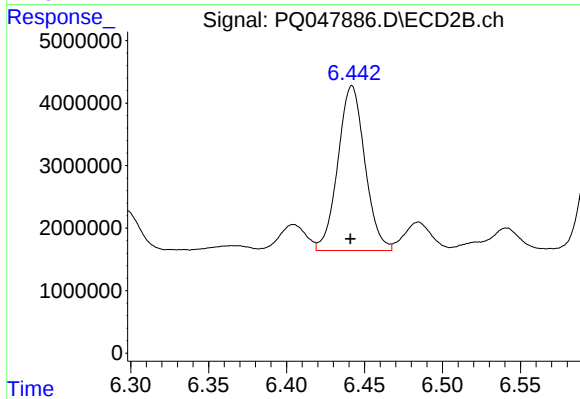
#19 AR-1242-4

R.T.: 5.875 min
Delta R.T.: 0.000 min
Response: 40819708
Conc: 667.86 ng/ml



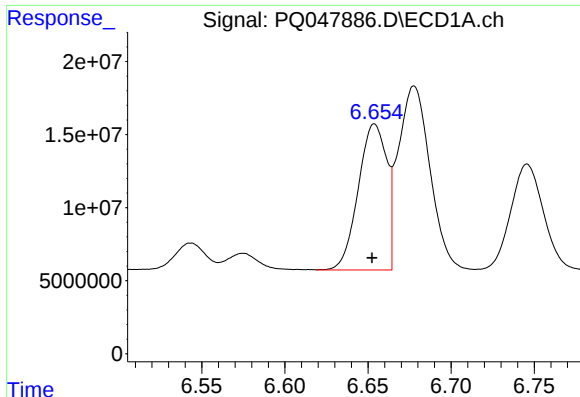
#20 AR-1242-5

R.T.: 7.639 min
Delta R.T.: 0.000 min
Response: 12542417
Conc: 89.80 ng/ml



#20 AR-1242-5

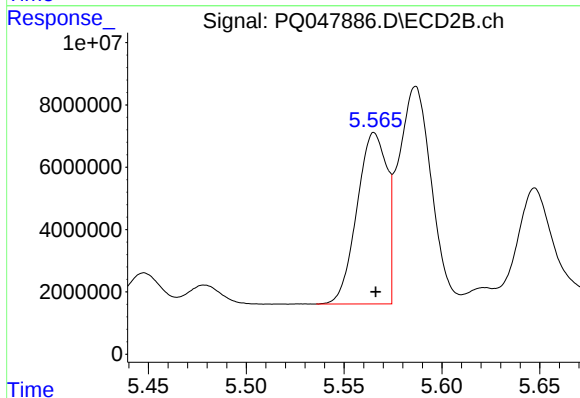
R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 31718538
Conc: 386.90 ng/ml



#21 AR-1248-1

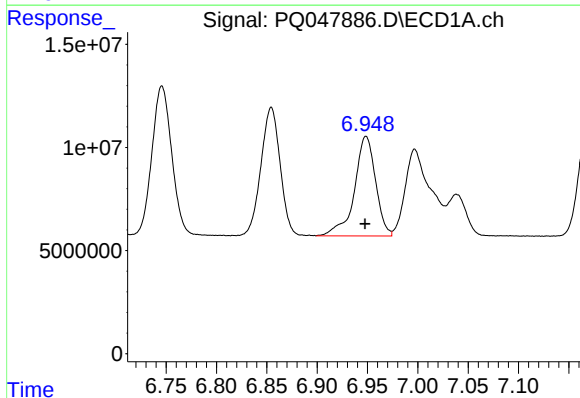
R.T.: 6.654 min
Delta R.T.: 0.001 min
Response: 119135700
Conc: 881.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



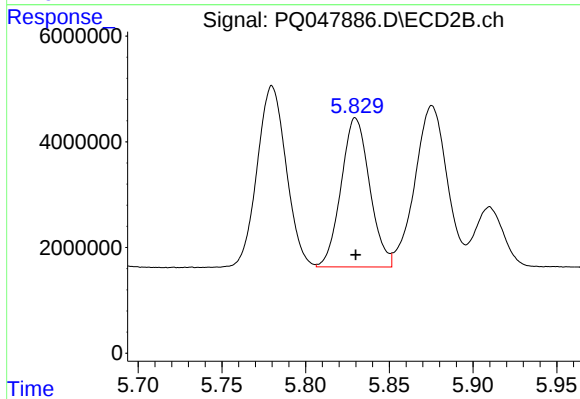
#21 AR-1248-1

R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 58315495
Conc: 874.02 ng/ml



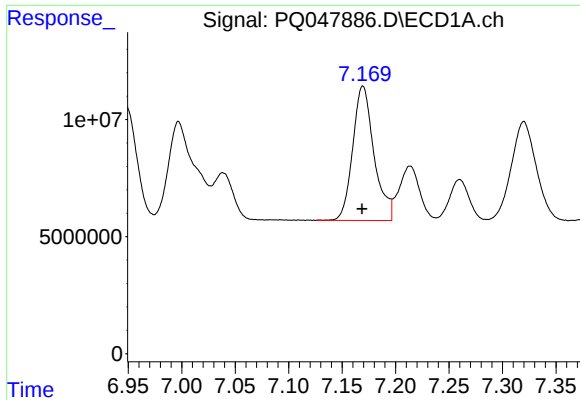
#22 AR-1248-2

R.T.: 6.949 min
Delta R.T.: 0.000 min
Response: 70865015
Conc: 410.11 ng/ml



#22 AR-1248-2

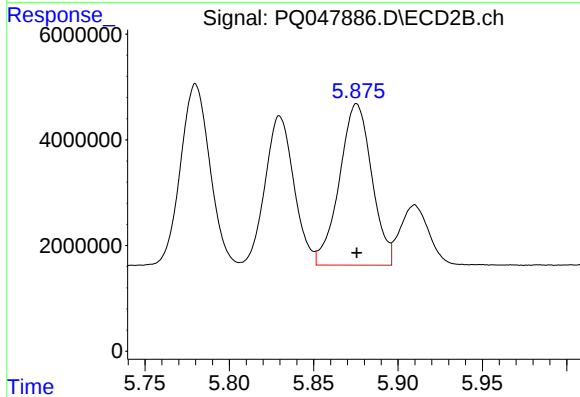
R.T.: 5.830 min
Delta R.T.: 0.000 min
Response: 33510333
Conc: 406.89 ng/ml



#23 AR-1248-3

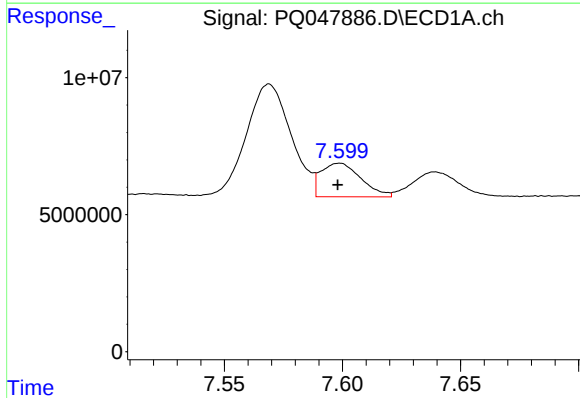
R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 79592036
Conc: 403.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



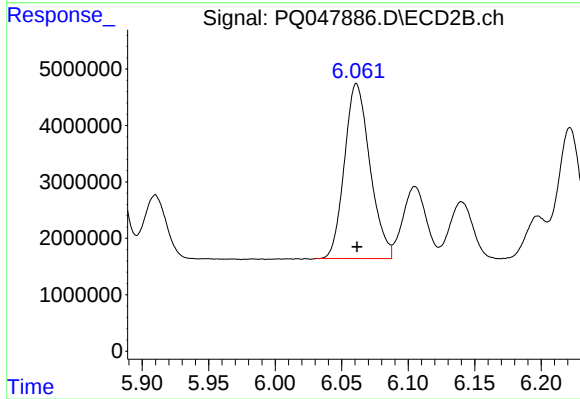
#23 AR-1248-3

R.T.: 5.875 min
Delta R.T.: 0.000 min
Response: 40819708
Conc: 484.60 ng/ml



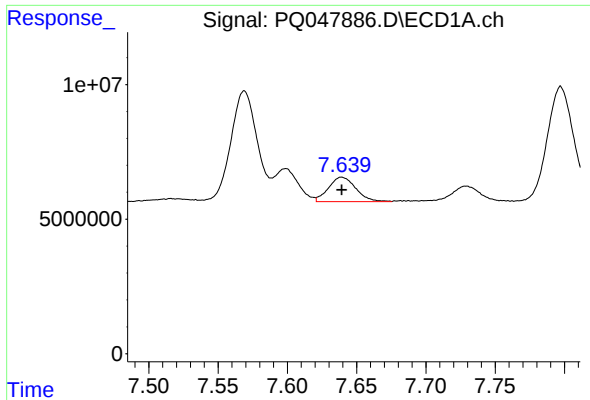
#24 AR-1248-4

R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 14451311
Conc: 64.63 ng/ml



#24 AR-1248-4

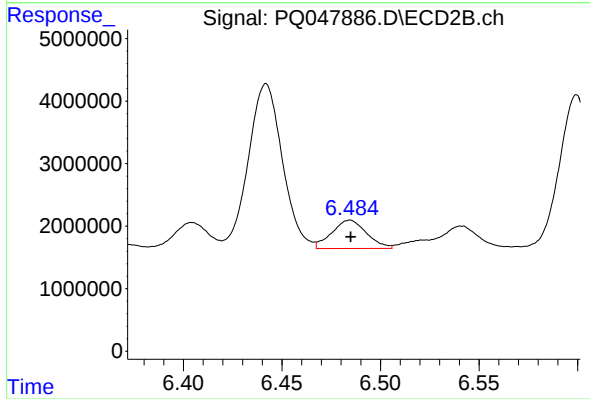
R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 41349349
Conc: 395.03 ng/ml



#25 AR-1248-5

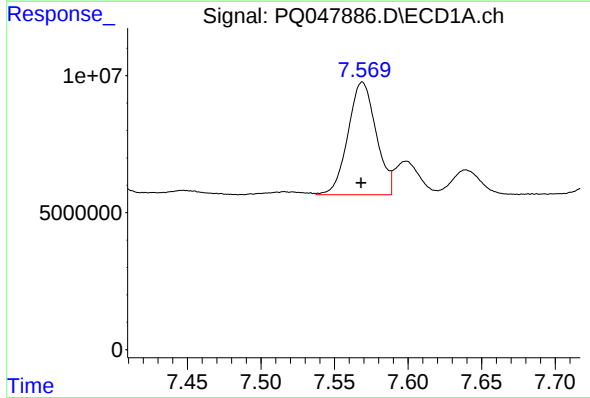
R.T.: 7.639 min
Delta R.T.: 0.000 min
Response: 12542417
Conc: 58.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



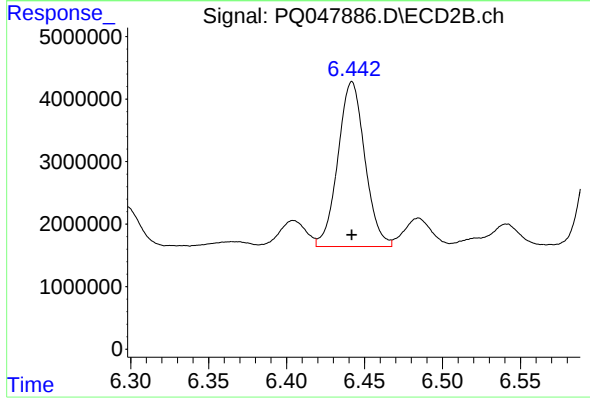
#25 AR-1248-5

R.T.: 6.484 min
Delta R.T.: 0.000 min
Response: 5568580
Conc: 53.94 ng/ml



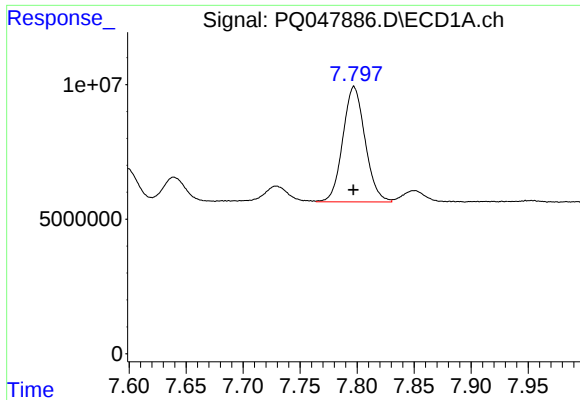
#26 AR-1254-1

R.T.: 7.569 min
Delta R.T.: 0.000 min
Response: 54623104
Conc: 240.99 ng/ml



#26 AR-1254-1

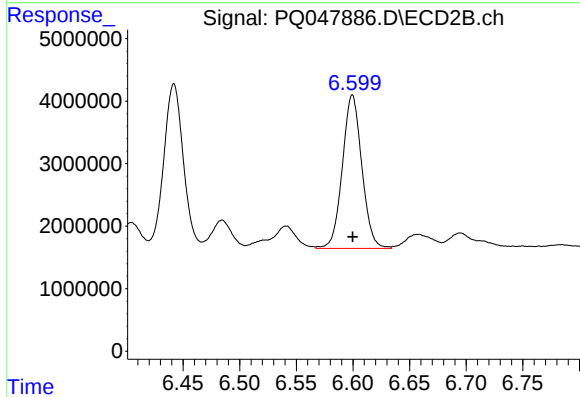
R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 31718538
Conc: 186.77 ng/ml



#27 AR-1254-2

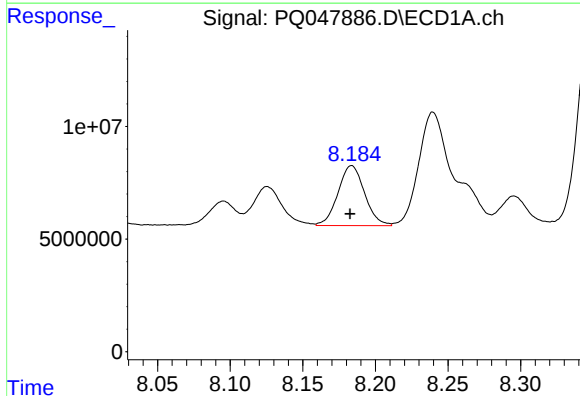
R.T.: 7.797 min
Delta R.T.: 0.000 min
Response: 58221865
Conc: 164.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



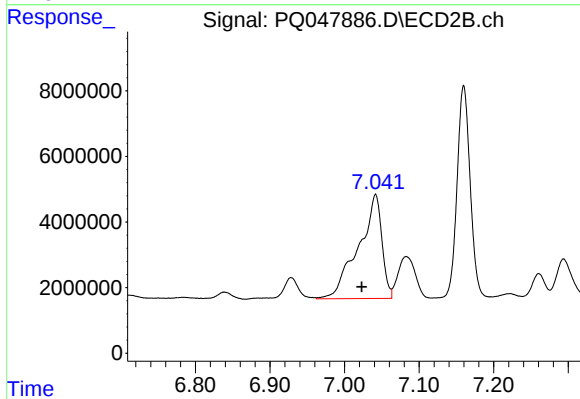
#27 AR-1254-2

R.T.: 6.600 min
Delta R.T.: 0.000 min
Response: 29391805
Conc: 199.89 ng/ml



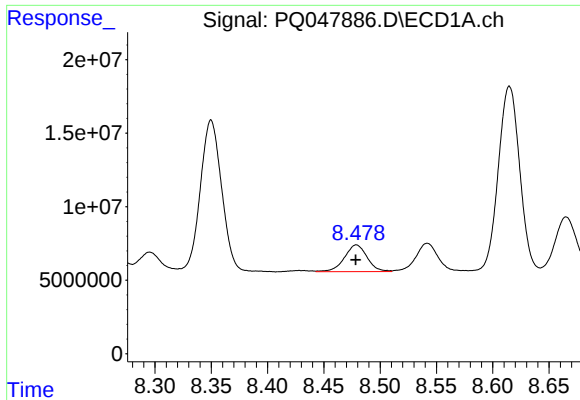
#28 AR-1254-3

R.T.: 8.184 min
Delta R.T.: 0.001 min
Response: 33971630
Conc: 89.13 ng/ml



#28 AR-1254-3

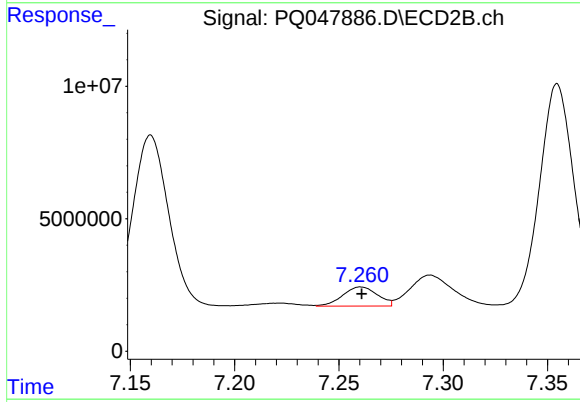
R.T.: 7.041 min
Delta R.T.: 0.018 min
Response: 69288502
Conc: 284.11 ng/ml



#29 AR-1254-4

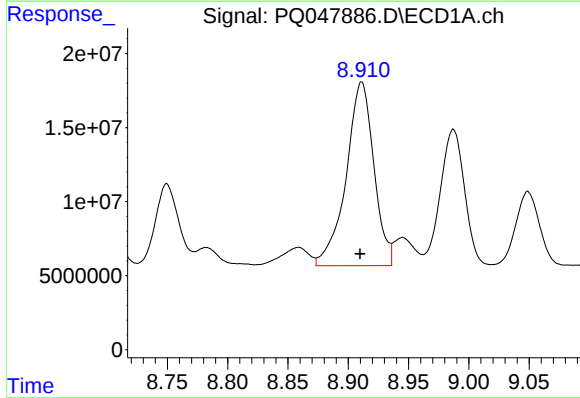
R.T.: 8.479 min
Delta R.T.: 0.000 min
Response: 25668177
Conc: 88.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



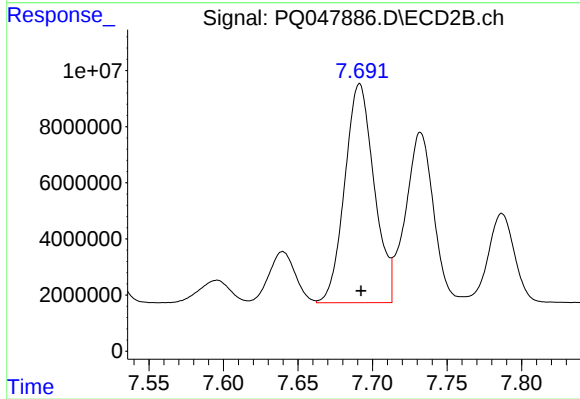
#29 AR-1254-4

R.T.: 7.261 min
Delta R.T.: 0.000 min
Response: 8375079
Conc: 53.87 ng/ml



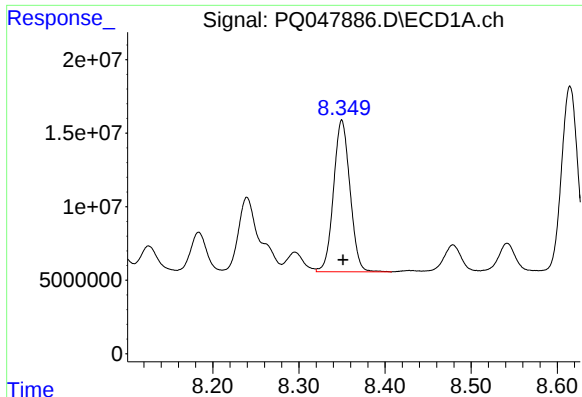
#30 AR-1254-5

R.T.: 8.911 min
Delta R.T.: 0.001 min
Response: 198930116
Conc: 633.60 ng/ml



#30 AR-1254-5

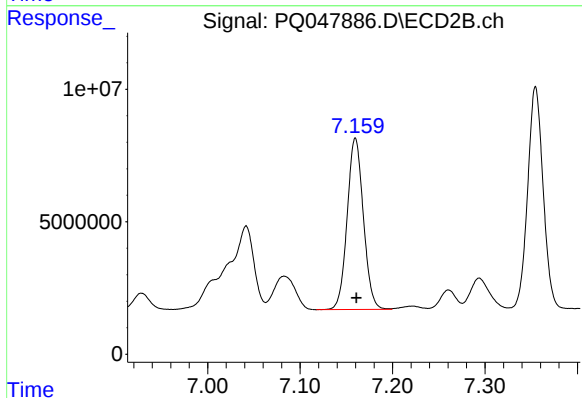
R.T.: 7.691 min
Delta R.T.: -0.001 min
Response: 107121716
Conc: 518.40 ng/ml



#31 AR-1260-1

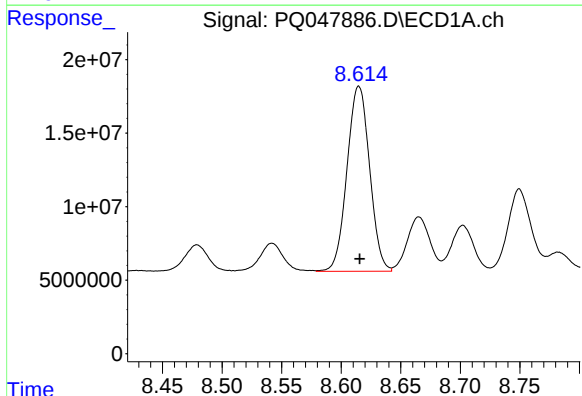
R.T.: 8.350 min
Delta R.T.: -0.001 min
Response: 136817646
Conc: 463.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



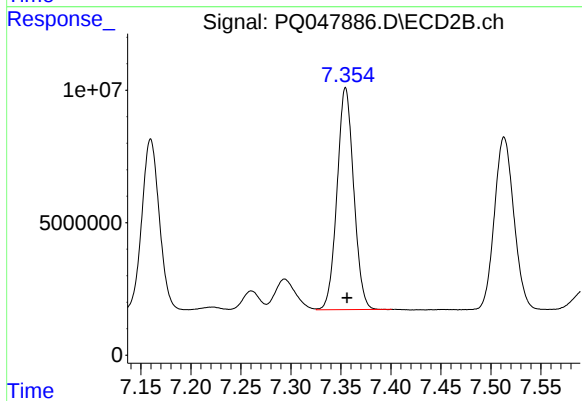
#31 AR-1260-1

R.T.: 7.160 min
Delta R.T.: -0.001 min
Response: 78866864
Conc: 482.24 ng/ml



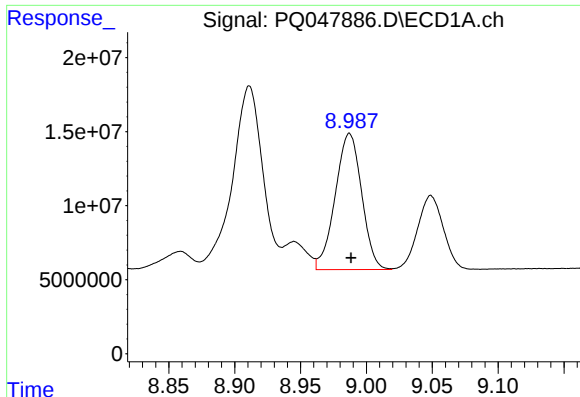
#32 AR-1260-2

R.T.: 8.615 min
Delta R.T.: 0.000 min
Response: 166126149
Conc: 483.95 ng/ml



#32 AR-1260-2

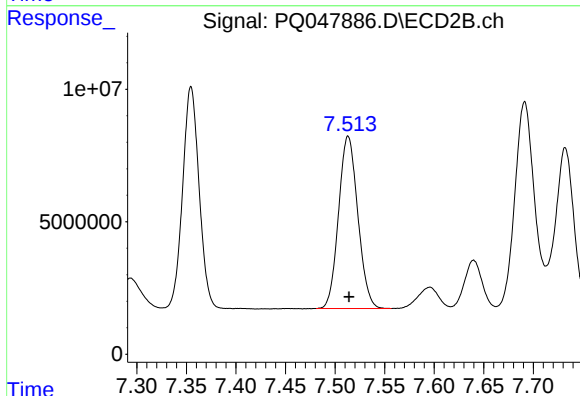
R.T.: 7.355 min
Delta R.T.: -0.001 min
Response: 97129248
Conc: 495.53 ng/ml



#33 AR-1260-3

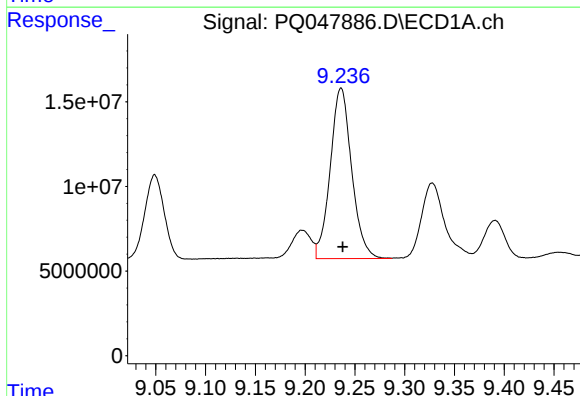
R.T.: 8.987 min
Delta R.T.: -0.001 min
Response: 128418426
Conc: 484.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



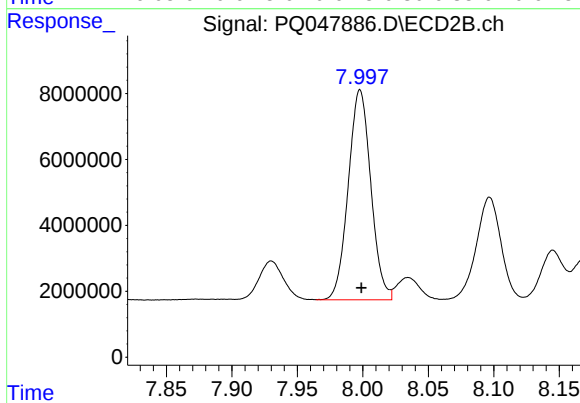
#33 AR-1260-3

R.T.: 7.513 min
Delta R.T.: 0.000 min
Response: 87945319
Conc: 497.88 ng/ml



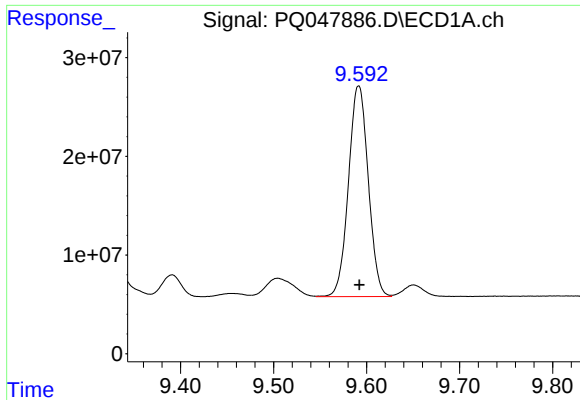
#34 AR-1260-4

R.T.: 9.236 min
Delta R.T.: -0.002 min
Response: 151009028
Conc: 494.29 ng/ml



#34 AR-1260-4

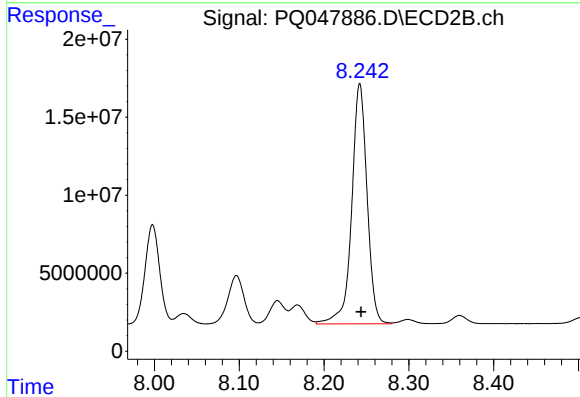
R.T.: 7.998 min
Delta R.T.: -0.001 min
Response: 76479978
Conc: 482.88 ng/ml



#35 AR-1260-5

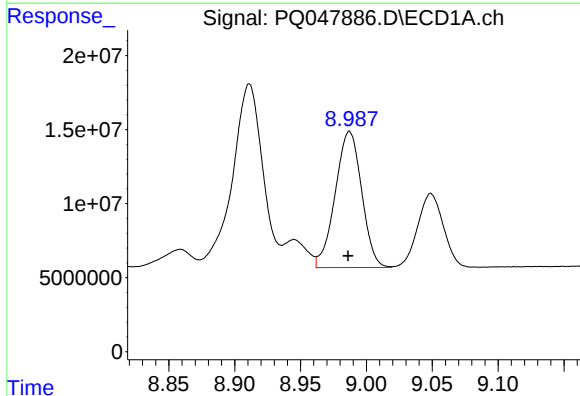
R.T.: 9.592 min
Delta R.T.: 0.000 min
Response: 315967864
Conc: 486.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



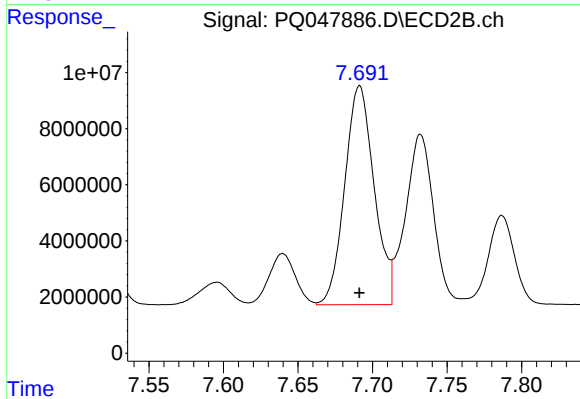
#35 AR-1260-5

R.T.: 8.242 min
Delta R.T.: -0.001 min
Response: 193748651
Conc: 497.79 ng/ml



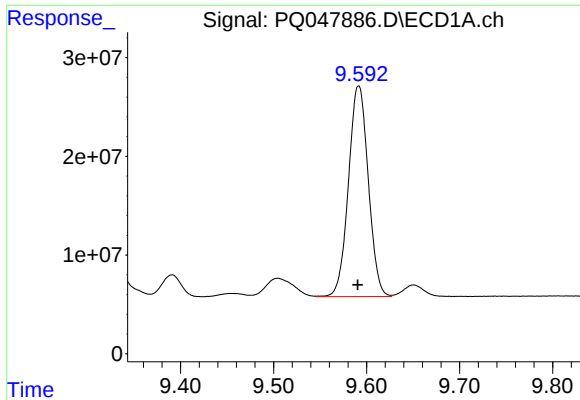
#36 AR-1262-1

R.T.: 8.987 min
Delta R.T.: 0.001 min
Response: 128418426
Conc: 376.81 ng/ml



#36 AR-1262-1

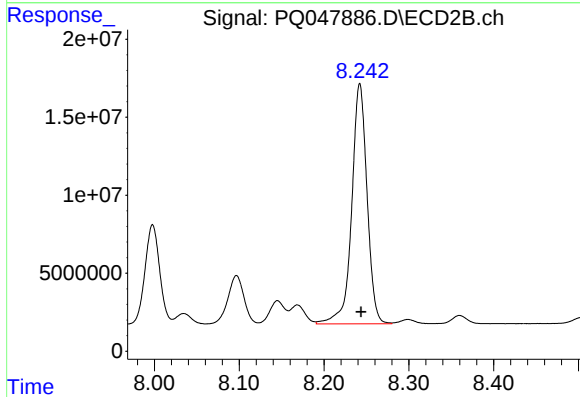
R.T.: 7.691 min
Delta R.T.: 0.000 min
Response: 107121716
Conc: 1057.71 ng/ml



#37 AR-1262-2

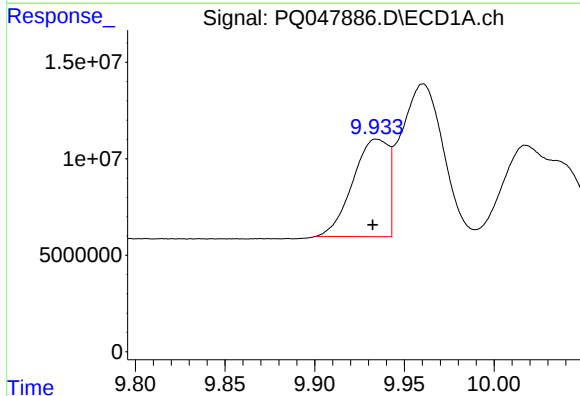
R.T.: 9.592 min
Delta R.T.: 0.001 min
Response: 315967864
Conc: 473.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



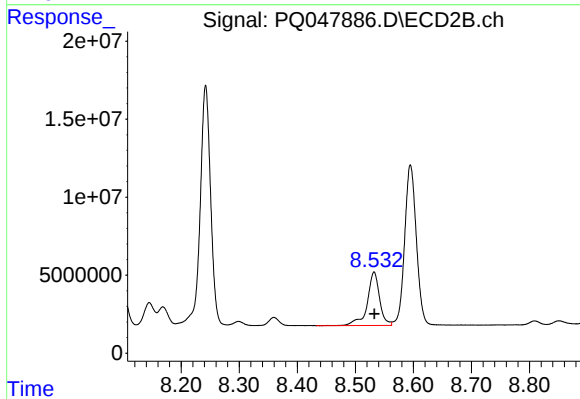
#37 AR-1262-2

R.T.: 8.242 min
Delta R.T.: -0.001 min
Response: 193748651
Conc: 491.12 ng/ml



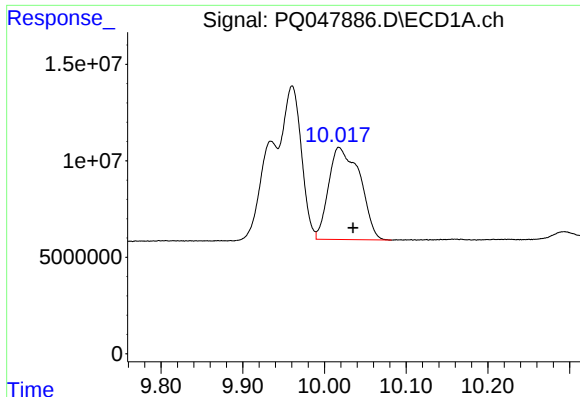
#38 AR-1262-3

R.T.: 9.935 min
Delta R.T.: 0.002 min
Response: 69700589
Conc: 151.81 ng/ml



#38 AR-1262-3

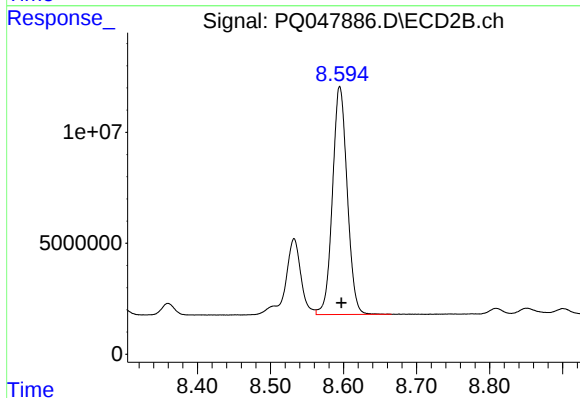
R.T.: 8.532 min
Delta R.T.: 0.000 min
Response: 50263788
Conc: 348.70 ng/ml



#39 AR-1262-4

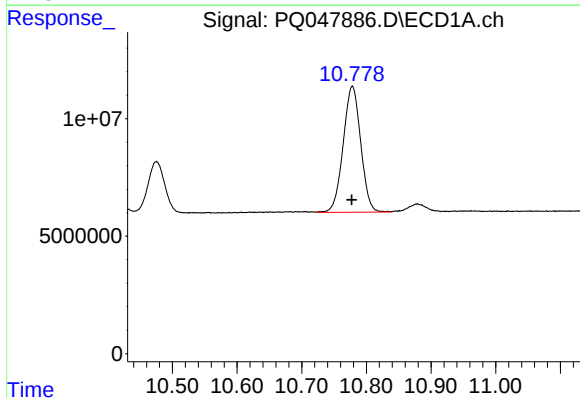
R.T.: 10.018 min
Delta R.T.: -0.017 min
Response: 127372354
Conc: 366.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



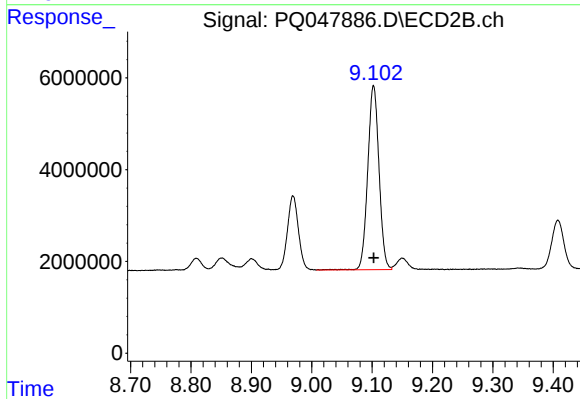
#39 AR-1262-4

R.T.: 8.595 min
Delta R.T.: -0.002 min
Response: 143907933
Conc: 501.61 ng/ml



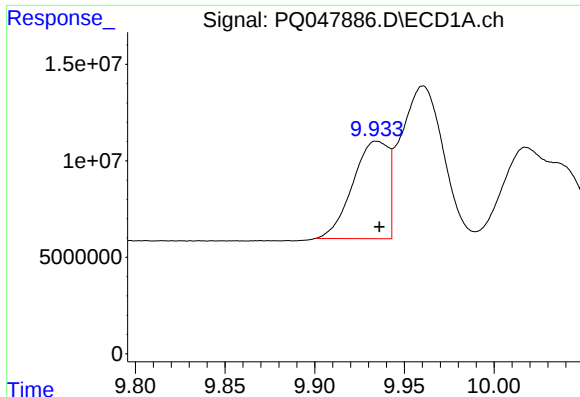
#40 AR-1262-5

R.T.: 10.778 min
Delta R.T.: 0.001 min
Response: 100936045
Conc: 394.97 ng/ml



#40 AR-1262-5

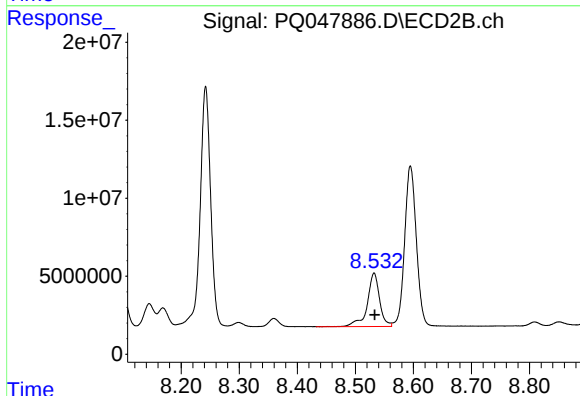
R.T.: 9.102 min
Delta R.T.: 0.000 min
Response: 51953148
Conc: 386.49 ng/ml



#41 AR-1268-1

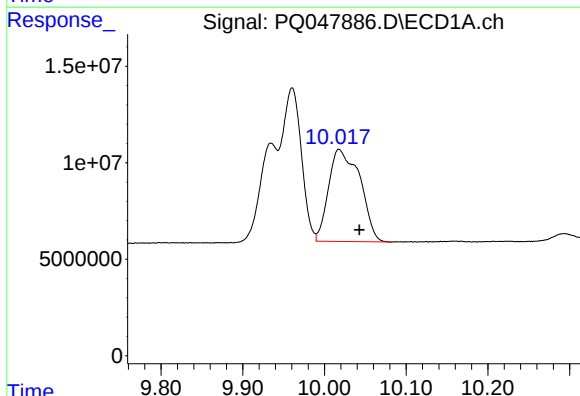
R.T.: 9.935 min
Delta R.T.: -0.001 min
Response: 69700589
Conc: 73.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



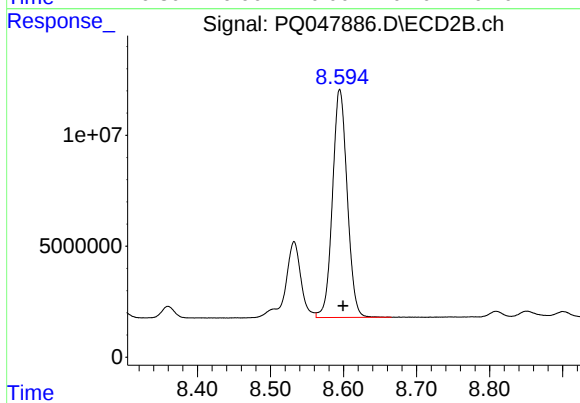
#41 AR-1268-1

R.T.: 8.532 min
Delta R.T.: -0.001 min
Response: 50263788
Conc: 94.66 ng/ml



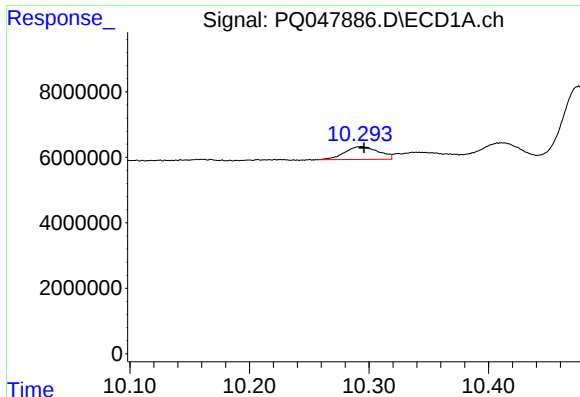
#42 AR-1268-2

R.T.: 10.018 min
Delta R.T.: -0.025 min
Response: 127372354
Conc: 142.79 ng/ml



#42 AR-1268-2

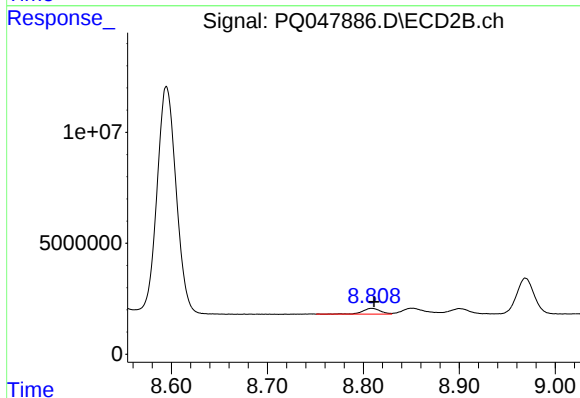
R.T.: 8.595 min
Delta R.T.: -0.004 min
Response: 143907933
Conc: 284.89 ng/ml



#43 AR-1268-3

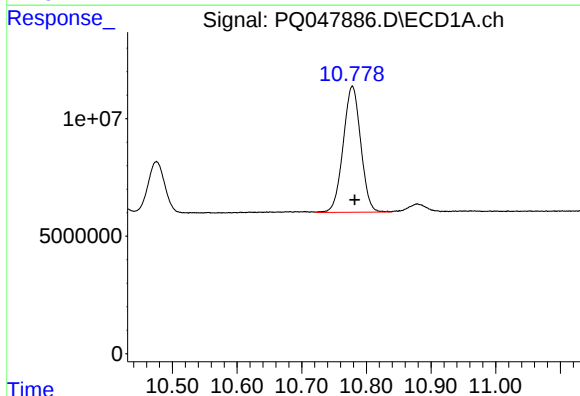
R.T.: 10.293 min
Delta R.T.: -0.002 min
Response: 7672853
Conc: 10.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



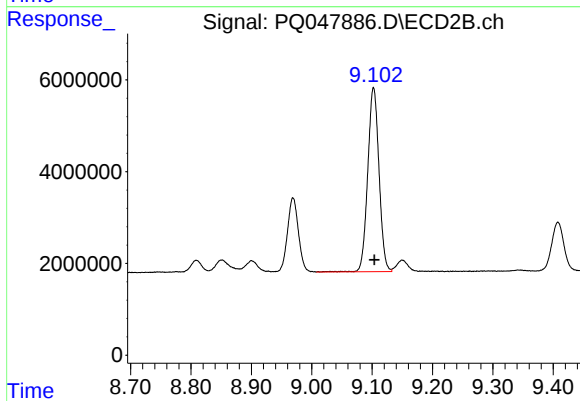
#43 AR-1268-3

R.T.: 8.809 min
Delta R.T.: -0.002 min
Response: 3276205
Conc: 7.88 ng/ml



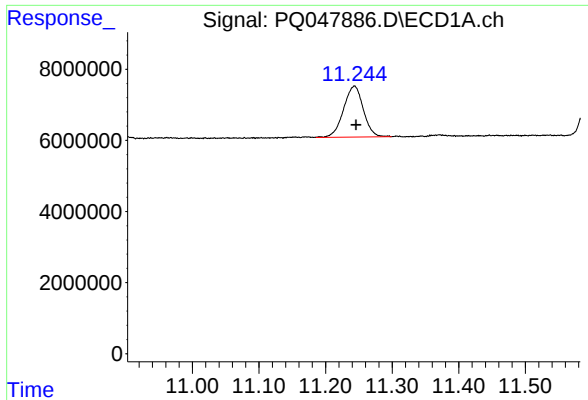
#44 AR-1268-4

R.T.: 10.778 min
Delta R.T.: -0.004 min
Response: 100936045
Conc: 291.34 ng/ml



#44 AR-1268-4

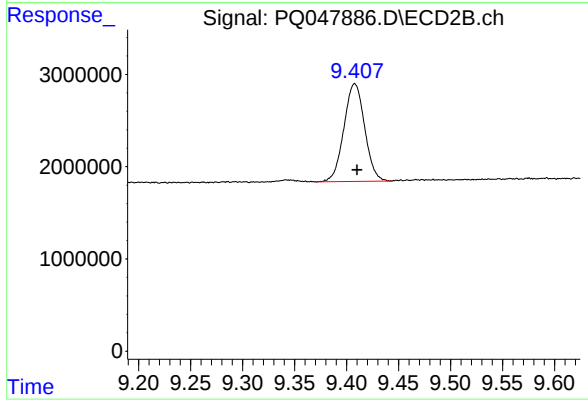
R.T.: 9.102 min
Delta R.T.: -0.001 min
Response: 51953148
Conc: 282.17 ng/ml



#45 AR-1268-5

R.T.: 11.243 min
Delta R.T.: -0.002 min
Response: 29498926
Conc: 11.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.408 min
Delta R.T.: -0.002 min
Response: 14704556
Conc: 10.30 ng/ml