

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082319\
 Data File : PQ042787.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Aug 2019 06:44
 Operator : SM\AJ
 Sample : AR1660CCC400
 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: Aug 23 09:44:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 06:41:55 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...	5.625	4.689	61543995	54740506	20.733	21.843
2)	SA Decachlor...	11.974	10.417	223.5E6	194.5E6	29.614	31.858
Target Compounds							
3)	L1 AR-1016-1	7.071	6.138	51499734	52169208	423.213	453.051
4)	L1 AR-1016-2	7.096	6.159	75666318	75260555	411.144	468.827
5)	L1 AR-1016-3	7.166	6.373	45800759	39446967	368.343	460.065
6)	L1 AR-1016-4	7.280	6.427	38193175	28395606	432.227	393.242
7)	L1 AR-1016-5	7.613	6.680	37289705	42182455	440.934	470.965
8)	L2 AR-1221-1	5.900	4.992	4182433	3409509	121.757	104.559
9)	L2 AR-1221-2	6.016	5.111	2985214	4802466	122.530	199.559 #
10)	L2 AR-1221-3	6.111	5.215	22395098	22413118	260.811	271.371
11)	L3 AR-1232-1	6.111	5.215	22395098	22413118	322.869	332.703
12)	L3 AR-1232-2	6.753	6.159	32644291	75260555	886.879	985.216
13)	L3 AR-1232-3	7.096	6.373	75666318	39446967	905.139	972.184
14)	L3 AR-1232-4	7.280	6.476	38193175	39110729	936.725	983.117
15)	L3 AR-1232-5	7.385	6.680	28549958	42182455	1167.257	1063.731
16)	L4 AR-1242-1	7.071	6.138	51499734	52169208	493.478	505.026
17)	L4 AR-1242-2	7.096	6.159	75666318	75260555	496.744	531.092
18)	L4 AR-1242-3	7.166	6.373	45800759	39446967	449.404	521.214
19)	L4 AR-1242-4	7.280	6.476	38193175	39110729	496.590	510.752
20)	L4 AR-1242-5	8.103	7.088	10248822	37622309	108.620	335.626 #
21)	L5 AR-1248-1	7.071	6.138	51499734	52169208	617.678	634.657
22)	L5 AR-1248-2	7.385	6.427	28549958	28395606	279.544	257.758
23)	L5 AR-1248-3	7.613	6.476	37289705	39110729	293.854	347.046
24)	L5 AR-1248-4	8.059	6.680	9636522	42182455	58.131	308.766 #
25)	L5 AR-1248-5	8.103	7.132	10248822	10304957	64.373	65.460
26)	L6 AR-1254-1	8.030	7.088	31183643	37622309	212.525	166.732
27)	L6 AR-1254-2	8.268	7.256	33815231	37420592	140.970	185.062 #
28)	L6 AR-1254-3	8.662	7.719	22769897	63828159	79.869	181.256 #
29)	L6 AR-1254-4	8.964	7.952	13196949	10593020	55.348	41.281 #
30)	L6 AR-1254-5	9.402	8.396	109.1E6	118.6E6	422.534	326.273
31)	L7 AR-1260-1	8.832	7.844	57607742	88293088	326.771	432.750 #
32)	L7 AR-1260-2	9.105	8.048	92062227	113.0E6	383.019	421.904
33)	L7 AR-1260-3	9.480	8.212	75649179	96896683	349.896	406.510
34)	L7 AR-1260-4	9.720	8.709	84962188	85838434	349.888	378.623
35)	L7 AR-1260-5	10.062	8.961	190.4E6	221.1E6	320.801	354.983
36)	L8 AR-1262-1	9.539	8.493	39653665	48577668	275.111	283.778
37)	L8 AR-1262-2	10.062	8.961	190.4E6	221.1E6	253.119	264.638
38)	L8 AR-1262-3	10.411	9.252	123.8E6	54056941	230.103	152.087 #
39)	L8 AR-1262-4	10.469	9.319	85476380	161.7E6	196.616	250.714 #
40)	L8 AR-1262-5	11.186	9.837	67611269	63050879	197.115	199.314
41)	L9 AR-1268-1	10.411	9.252	123.8E6	54056941	129.429	53.848 #
42)	L9 AR-1268-2	10.469	9.319	85476380	161.7E6	91.774	172.165 #

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 Acq On : 23 Aug 2019 06:44
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

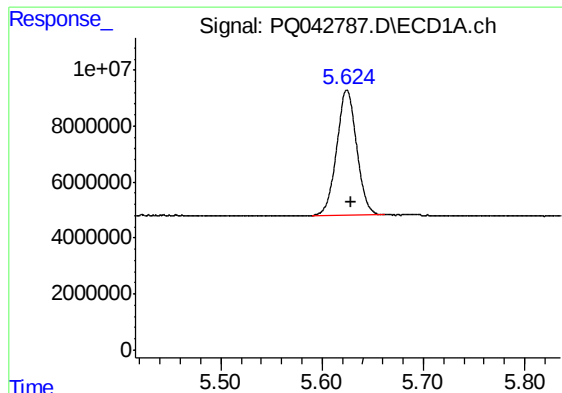
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 09:44:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 06:41:55 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
43) L9	AR-1268-3	10.728	9.530	5011759	5905099	6.185	7.414
44) L9	AR-1268-4	11.186	9.837	67611269	63050879	182.214	184.232
45) L9	AR-1268-5	11.621	10.146	20846232	16857963	7.365	6.576

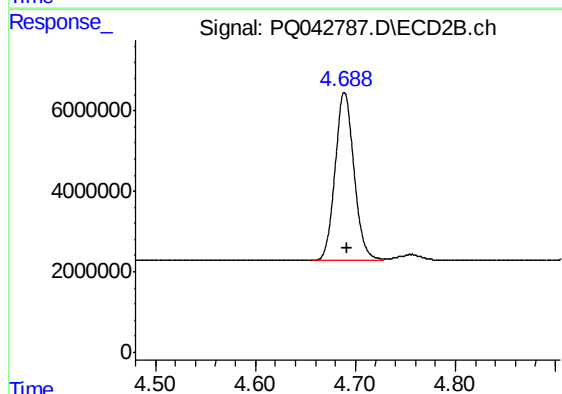
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

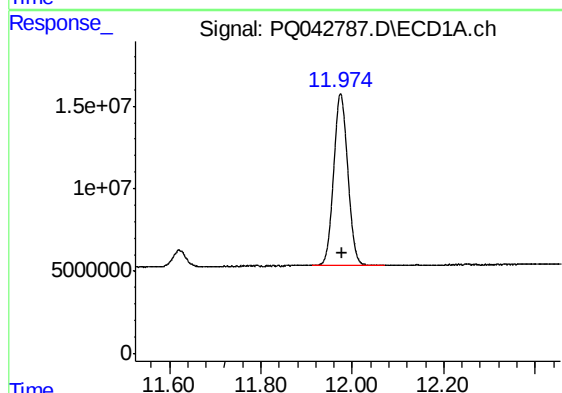
R.T.: 5.625 min
Delta R.T.: -0.004 min
Response: 61543995
Conc: 20.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



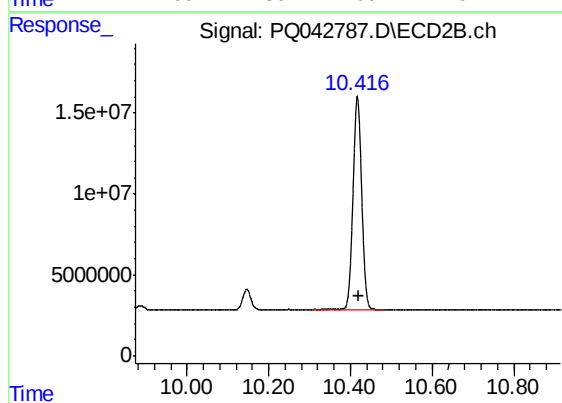
#1 Tetrachloro-m-xylene

R.T.: 4.689 min
Delta R.T.: -0.003 min
Response: 54740506
Conc: 21.84 ng/ml



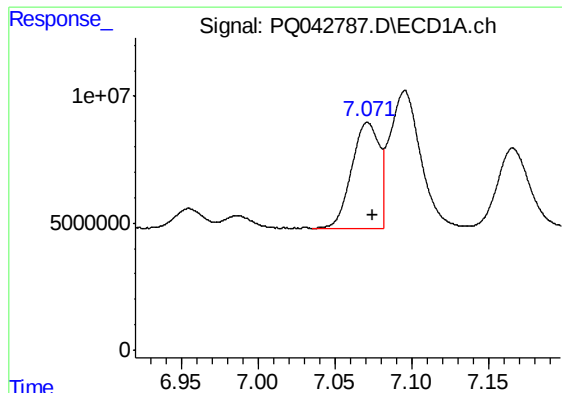
#2 Decachlorobiphenyl

R.T.: 11.974 min
Delta R.T.: -0.004 min
Response: 223547270
Conc: 29.61 ng/ml



#2 Decachlorobiphenyl

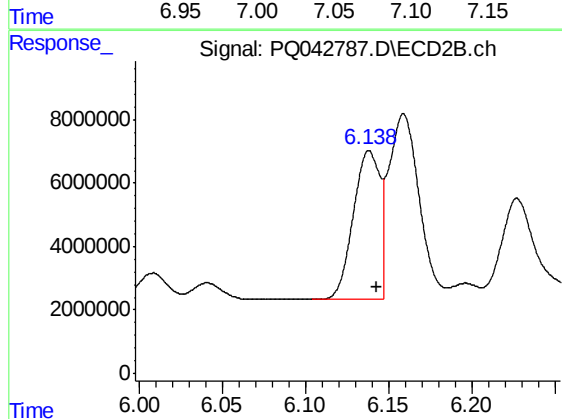
R.T.: 10.417 min
Delta R.T.: -0.005 min
Response: 194540340
Conc: 31.86 ng/ml



#3 AR-1016-1

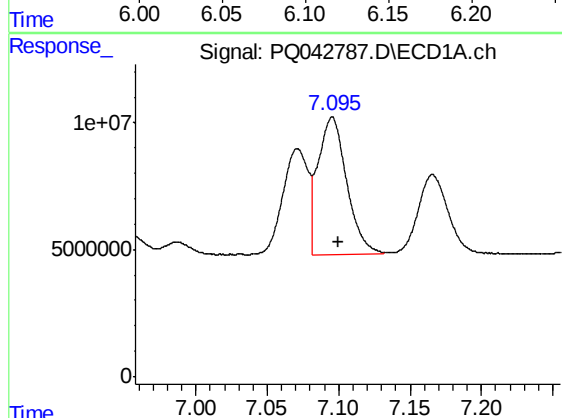
R.T.: 7.071 min
Delta R.T.: -0.004 min
Response: 51499734
Conc: 423.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



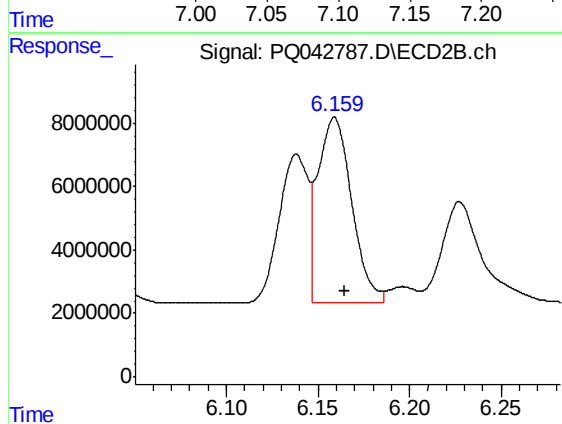
#3 AR-1016-1

R.T.: 6.138 min
Delta R.T.: -0.004 min
Response: 52169208
Conc: 453.05 ng/ml



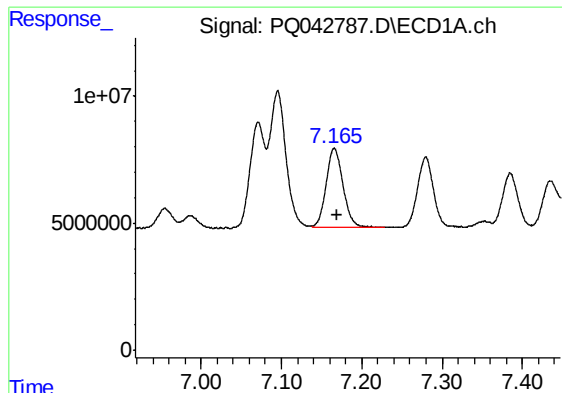
#4 AR-1016-2

R.T.: 7.096 min
Delta R.T.: -0.004 min
Response: 75666318
Conc: 411.14 ng/ml



#4 AR-1016-2

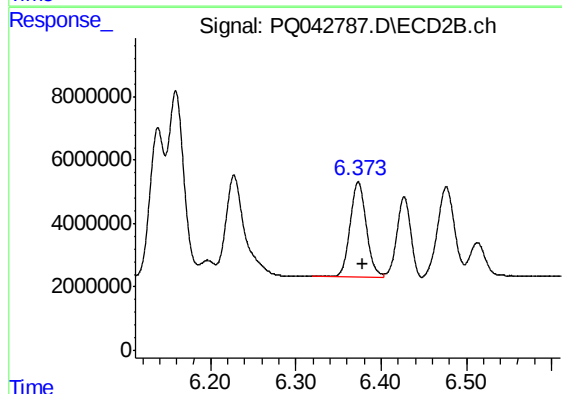
R.T.: 6.159 min
Delta R.T.: -0.005 min
Response: 75260555
Conc: 468.83 ng/ml



#5 AR-1016-3

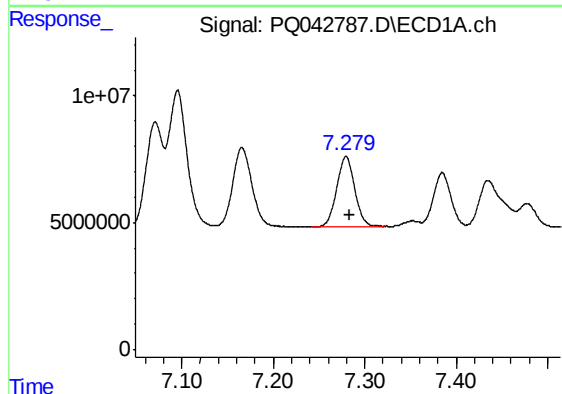
R.T.: 7.166 min
Delta R.T.: -0.004 min
Response: 45800759
Conc: 368.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



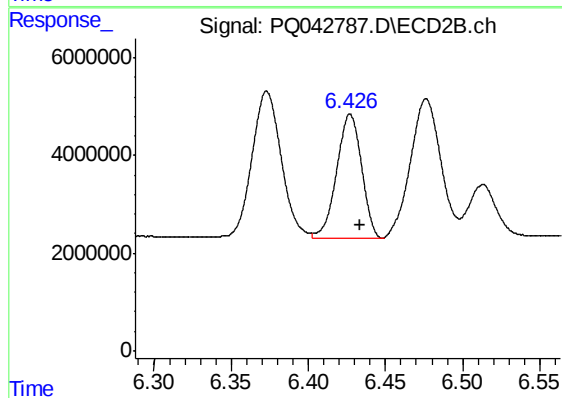
#5 AR-1016-3

R.T.: 6.373 min
Delta R.T.: -0.005 min
Response: 39446967
Conc: 460.06 ng/ml



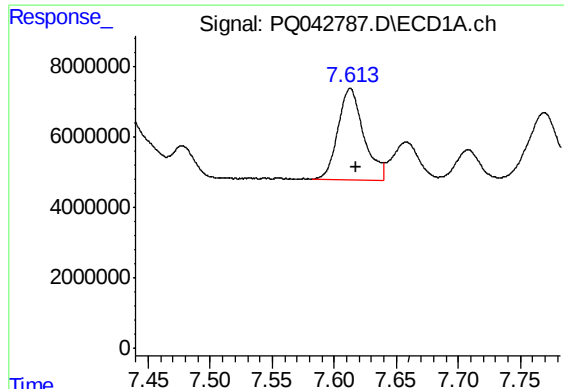
#6 AR-1016-4

R.T.: 7.280 min
Delta R.T.: -0.004 min
Response: 38193175
Conc: 432.23 ng/ml



#6 AR-1016-4

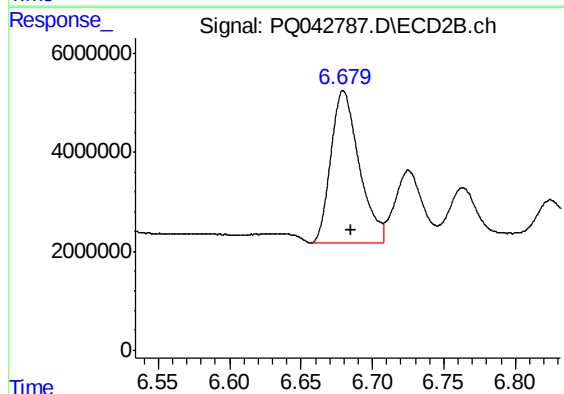
R.T.: 6.427 min
Delta R.T.: -0.006 min
Response: 28395606
Conc: 393.24 ng/ml



#7 AR-1016-5

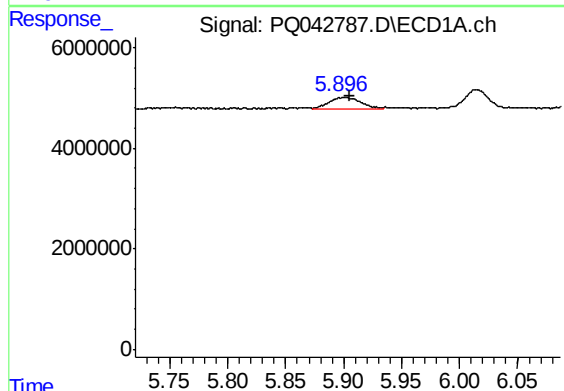
R.T.: 7.613 min
Delta R.T.: -0.004 min
Response: 37289705
Conc: 440.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



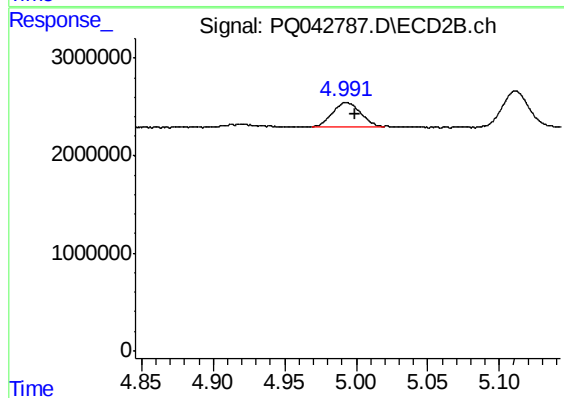
#7 AR-1016-5

R.T.: 6.680 min
Delta R.T.: -0.005 min
Response: 42182455
Conc: 470.97 ng/ml



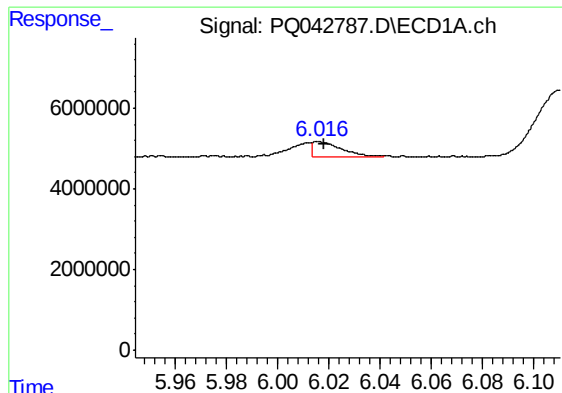
#8 AR-1221-1

R.T.: 5.900 min
Delta R.T.: -0.005 min
Response: 4182433
Conc: 121.76 ng/ml



#8 AR-1221-1

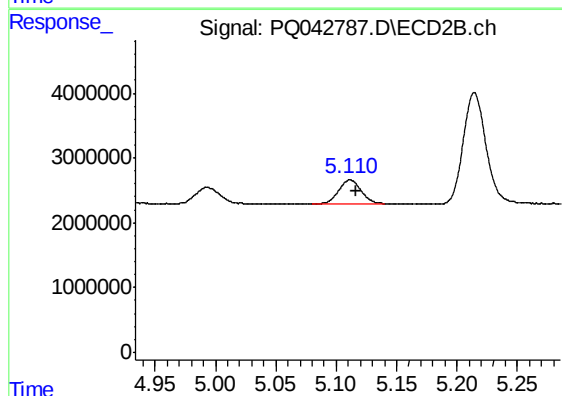
R.T.: 4.992 min
Delta R.T.: -0.007 min
Response: 3409509
Conc: 104.56 ng/ml



#9 AR-1221-2

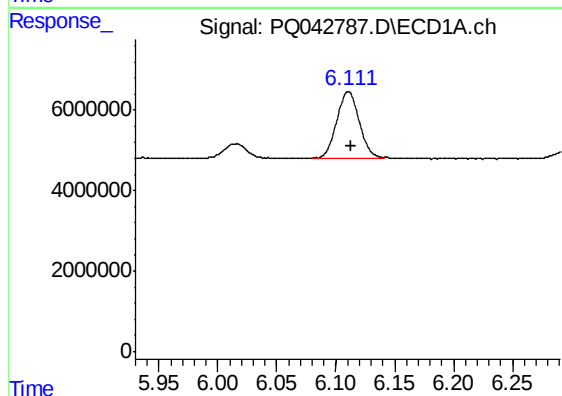
R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 2985214
Conc: 122.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



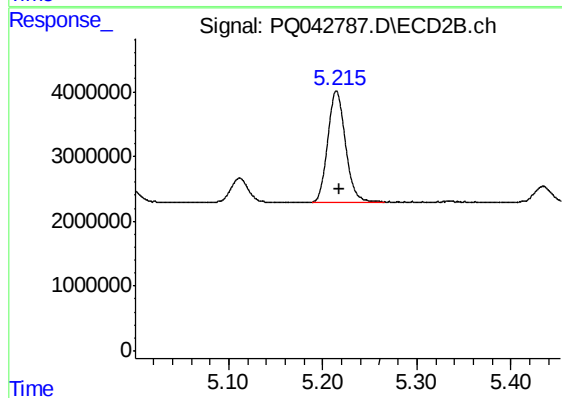
#9 AR-1221-2

R.T.: 5.111 min
Delta R.T.: -0.006 min
Response: 4802466
Conc: 199.56 ng/ml



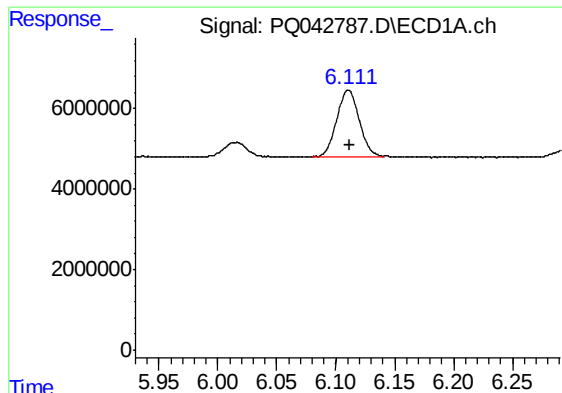
#10 AR-1221-3

R.T.: 6.111 min
Delta R.T.: -0.002 min
Response: 22395098
Conc: 260.81 ng/ml



#10 AR-1221-3

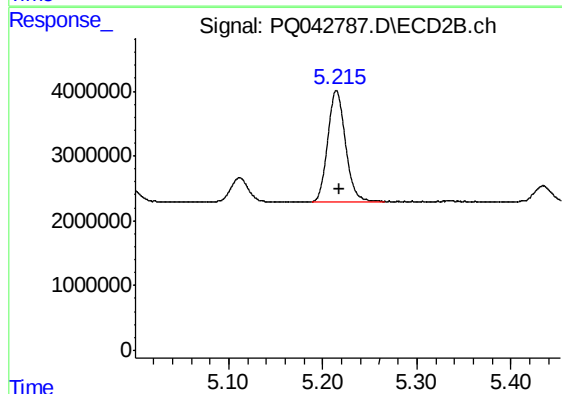
R.T.: 5.215 min
Delta R.T.: -0.003 min
Response: 22413118
Conc: 271.37 ng/ml



#11 AR-1232-1

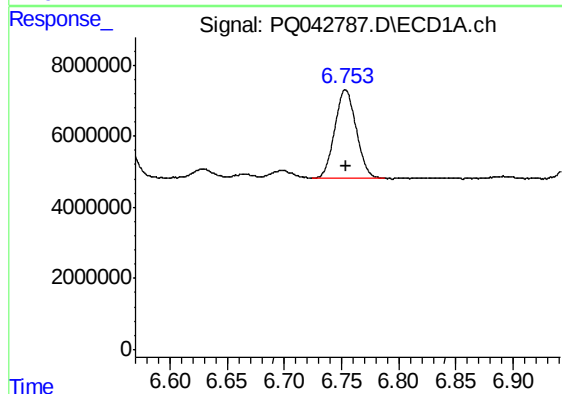
R.T.: 6.111 min
Delta R.T.: -0.001 min
Response: 22395098
Conc: 322.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



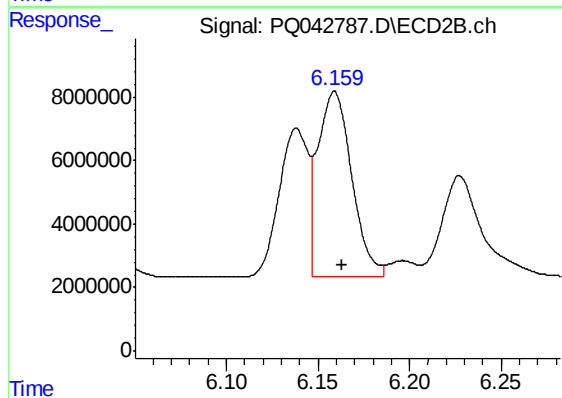
#11 AR-1232-1

R.T.: 5.215 min
Delta R.T.: -0.003 min
Response: 22413118
Conc: 332.70 ng/ml



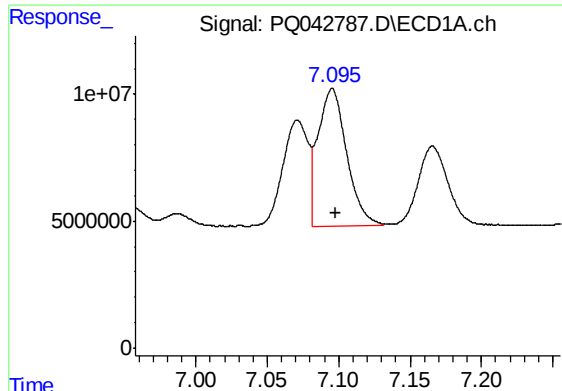
#12 AR-1232-2

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 32644291
Conc: 886.88 ng/ml



#12 AR-1232-2

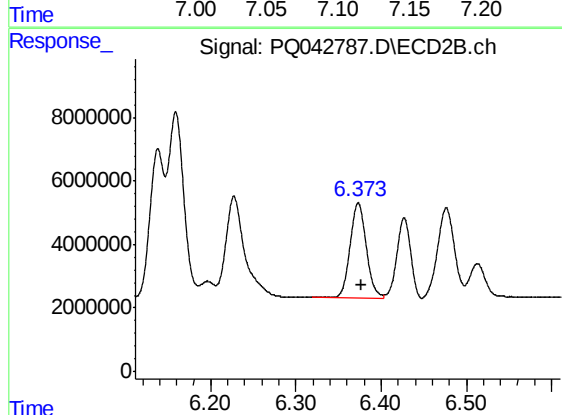
R.T.: 6.159 min
Delta R.T.: -0.004 min
Response: 75260555
Conc: 985.22 ng/ml



#13 AR-1232-3

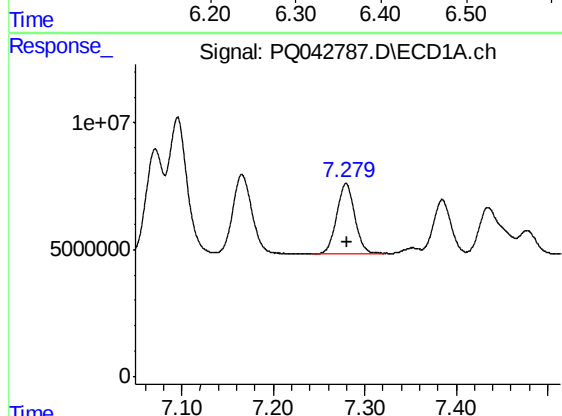
R.T.: 7.096 min
Delta R.T.: -0.002 min
Response: 75666318
Conc: 905.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



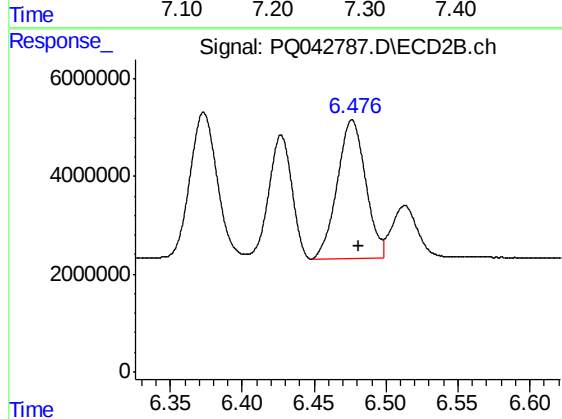
#13 AR-1232-3

R.T.: 6.373 min
Delta R.T.: -0.004 min
Response: 39446967
Conc: 972.18 ng/ml



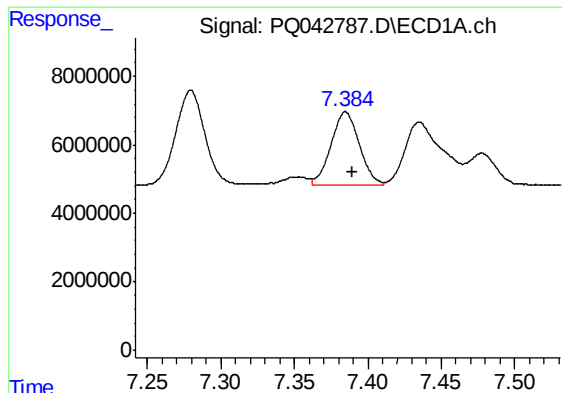
#14 AR-1232-4

R.T.: 7.280 min
Delta R.T.: -0.001 min
Response: 38193175
Conc: 936.73 ng/ml



#14 AR-1232-4

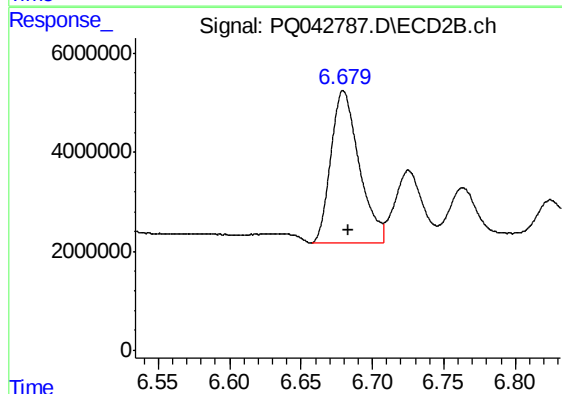
R.T.: 6.476 min
Delta R.T.: -0.005 min
Response: 39110729
Conc: 983.12 ng/ml



#15 AR-1232-5

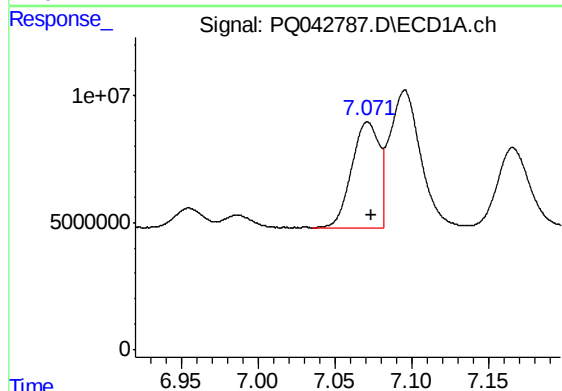
R.T.: 7.385 min
Delta R.T.: -0.005 min
Response: 28549958
Conc: 1167.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



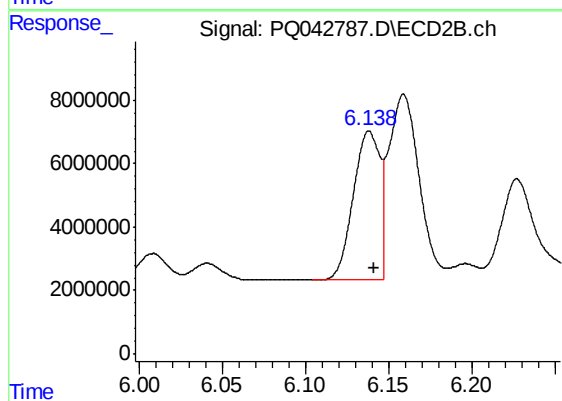
#15 AR-1232-5

R.T.: 6.680 min
Delta R.T.: -0.004 min
Response: 42182455
Conc: 1063.73 ng/ml



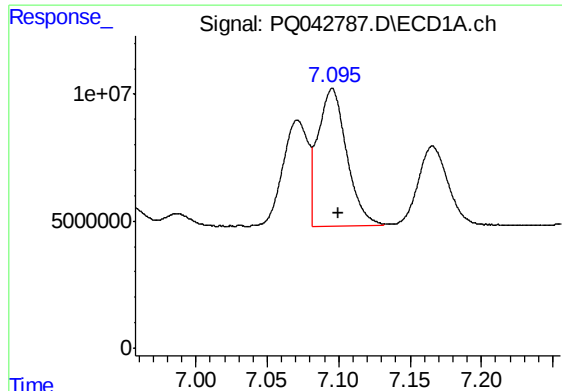
#16 AR-1242-1

R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 51499734
Conc: 493.48 ng/ml



#16 AR-1242-1

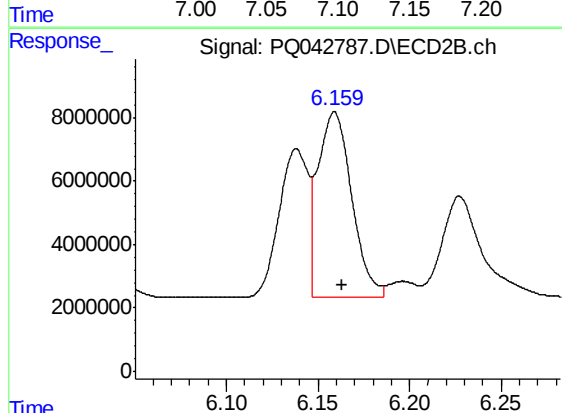
R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 52169208
Conc: 505.03 ng/ml



#17 AR-1242-2

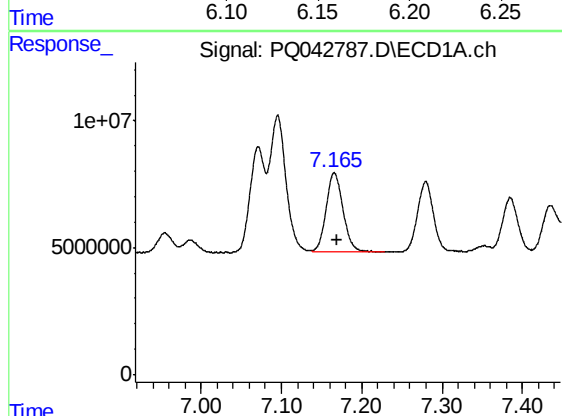
R.T.: 7.096 min
Delta R.T.: -0.004 min
Response: 75666318
Conc: 496.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



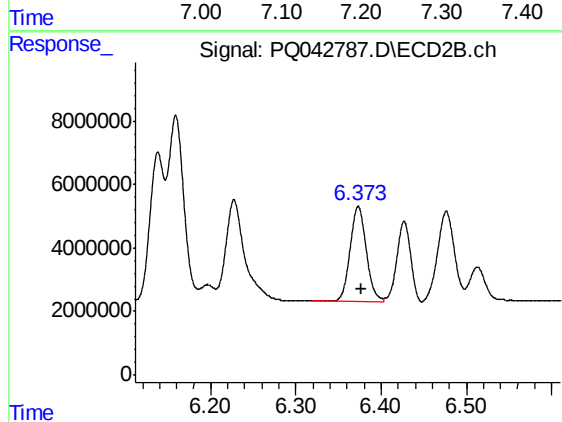
#17 AR-1242-2

R.T.: 6.159 min
Delta R.T.: -0.004 min
Response: 75260555
Conc: 531.09 ng/ml



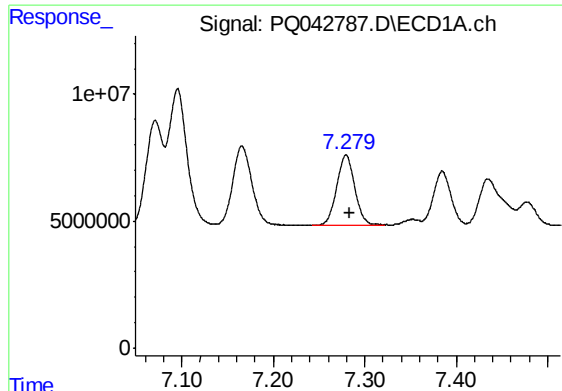
#18 AR-1242-3

R.T.: 7.166 min
Delta R.T.: -0.003 min
Response: 45800759
Conc: 449.40 ng/ml



#18 AR-1242-3

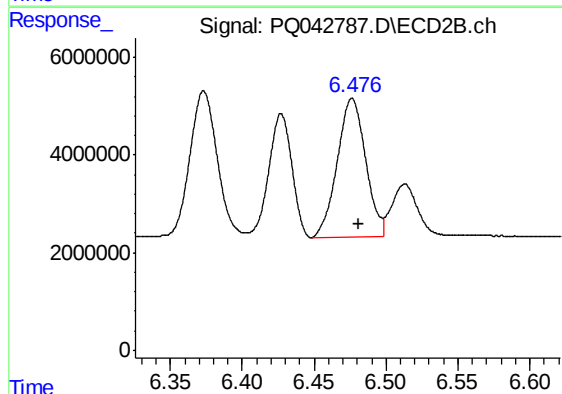
R.T.: 6.373 min
Delta R.T.: -0.004 min
Response: 39446967
Conc: 521.21 ng/ml



#19 AR-1242-4

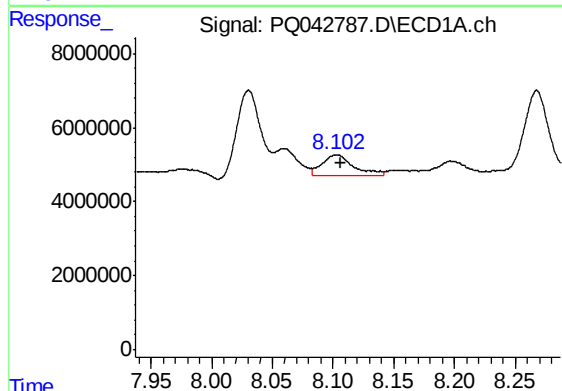
R.T.: 7.280 min
Delta R.T.: -0.003 min
Response: 38193175
Conc: 496.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



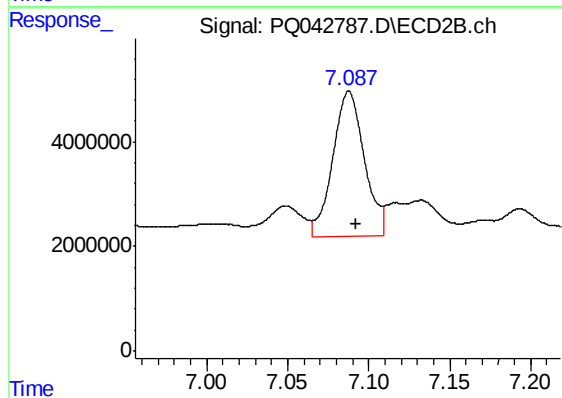
#19 AR-1242-4

R.T.: 6.476 min
Delta R.T.: -0.004 min
Response: 39110729
Conc: 510.75 ng/ml



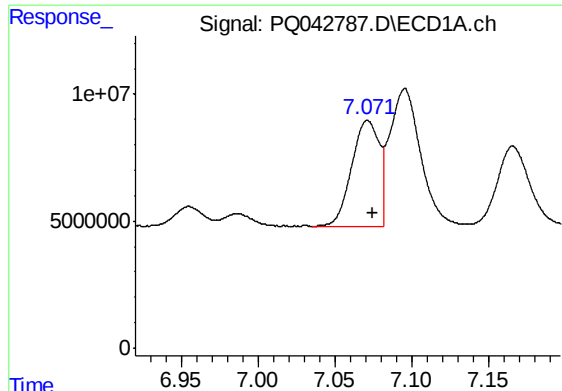
#20 AR-1242-5

R.T.: 8.103 min
Delta R.T.: -0.003 min
Response: 10248822
Conc: 108.62 ng/ml



#20 AR-1242-5

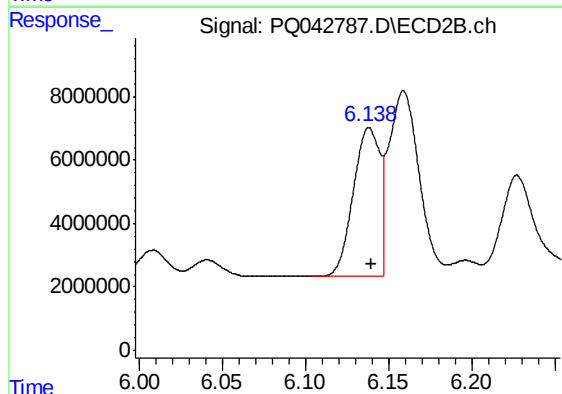
R.T.: 7.088 min
Delta R.T.: -0.004 min
Response: 37622309
Conc: 335.63 ng/ml



#21 AR-1248-1

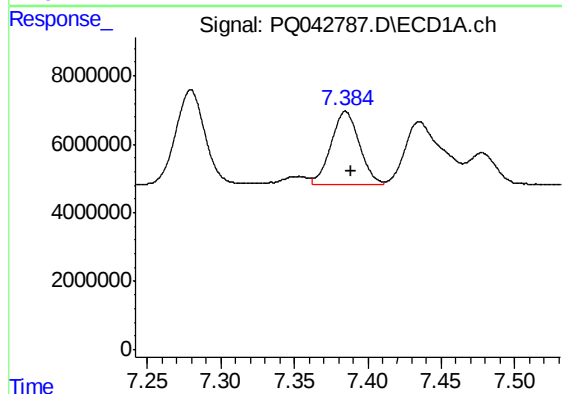
R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 51499734
Conc: 617.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



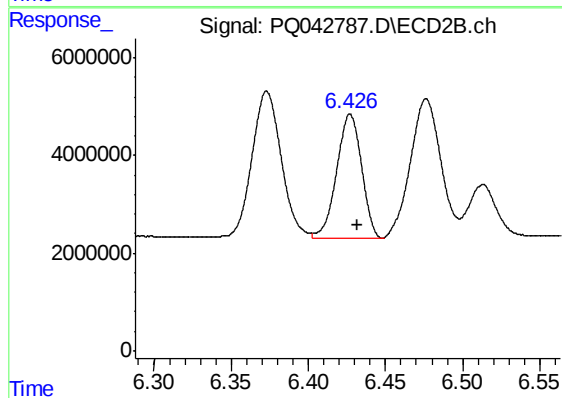
#21 AR-1248-1

R.T.: 6.138 min
Delta R.T.: -0.002 min
Response: 52169208
Conc: 634.66 ng/ml



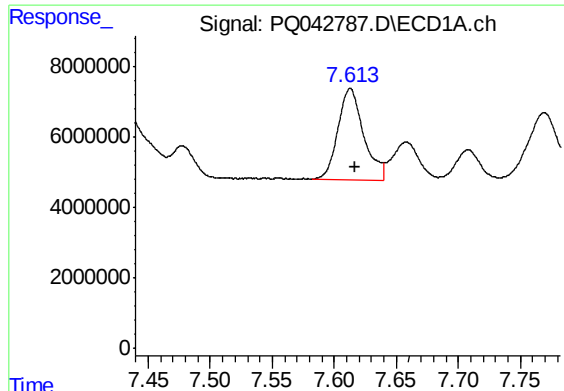
#22 AR-1248-2

R.T.: 7.385 min
Delta R.T.: -0.004 min
Response: 28549958
Conc: 279.54 ng/ml



#22 AR-1248-2

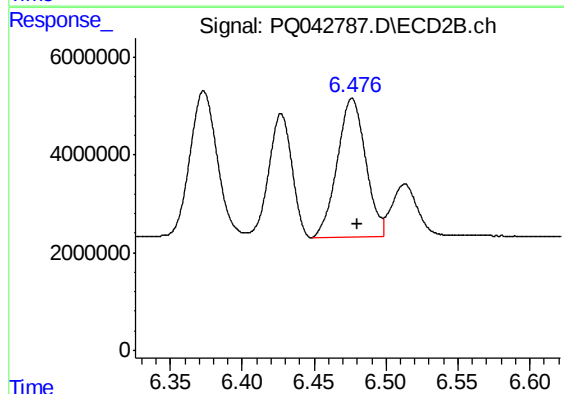
R.T.: 6.427 min
Delta R.T.: -0.005 min
Response: 28395606
Conc: 257.76 ng/ml



#23 AR-1248-3

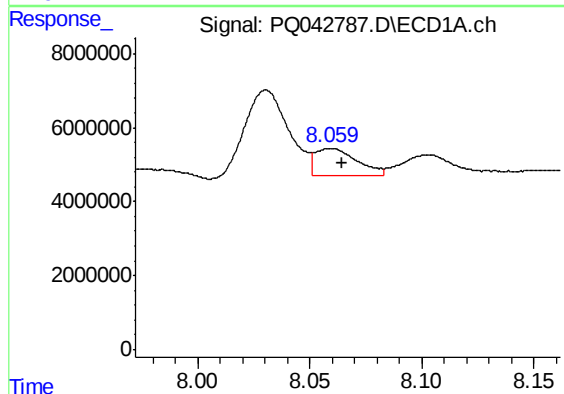
R.T.: 7.613 min
Delta R.T.: -0.003 min
Response: 37289705
Conc: 293.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



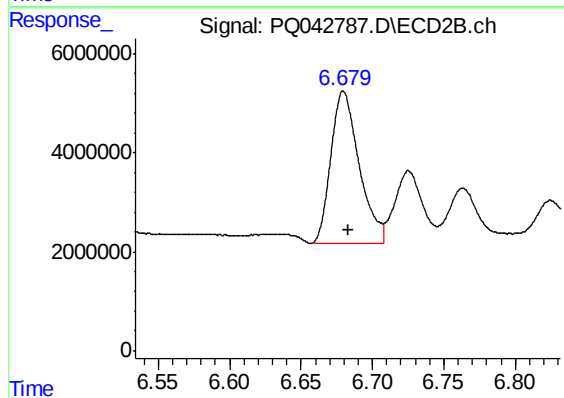
#23 AR-1248-3

R.T.: 6.476 min
Delta R.T.: -0.003 min
Response: 39110729
Conc: 347.05 ng/ml



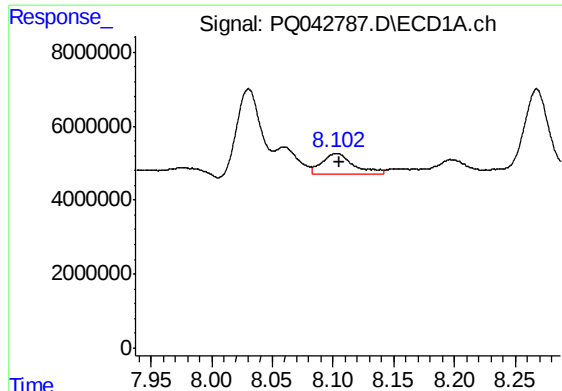
#24 AR-1248-4

R.T.: 8.059 min
Delta R.T.: -0.005 min
Response: 9636522
Conc: 58.13 ng/ml



#24 AR-1248-4

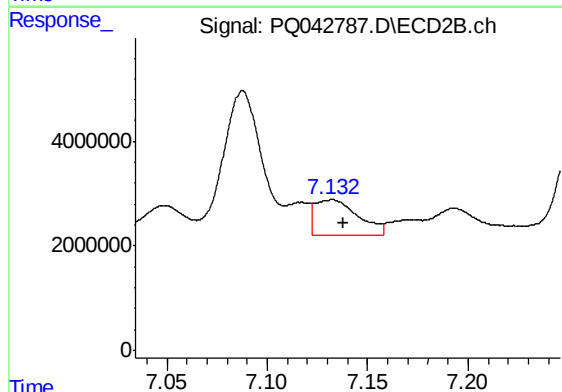
R.T.: 6.680 min
Delta R.T.: -0.003 min
Response: 42182455
Conc: 308.77 ng/ml



#25 AR-1248-5

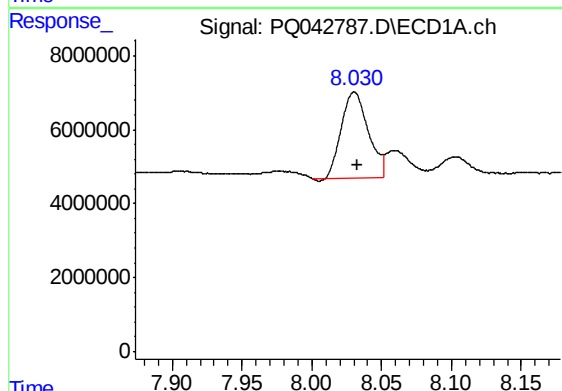
R.T.: 8.103 min
Delta R.T.: -0.003 min
Response: 10248822
Conc: 64.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



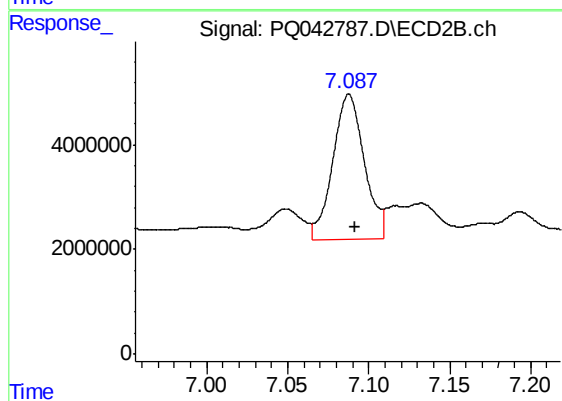
#25 AR-1248-5

R.T.: 7.132 min
Delta R.T.: -0.006 min
Response: 10304957
Conc: 65.46 ng/ml



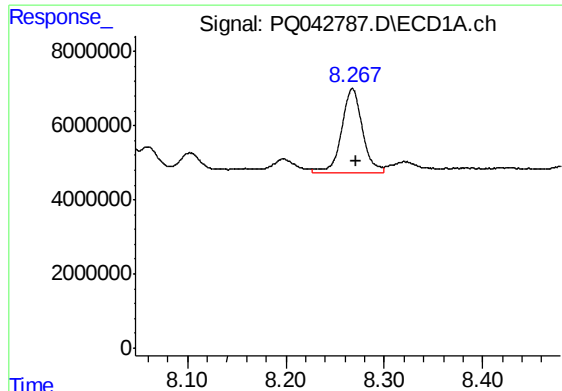
#26 AR-1254-1

R.T.: 8.030 min
Delta R.T.: -0.003 min
Response: 31183643
Conc: 212.53 ng/ml



#26 AR-1254-1

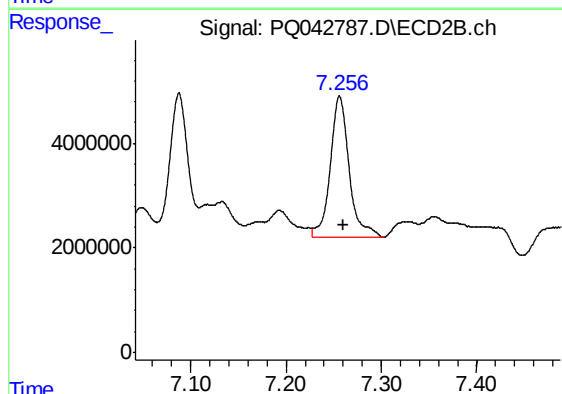
R.T.: 7.088 min
Delta R.T.: -0.004 min
Response: 37622309
Conc: 166.73 ng/ml



#27 AR-1254-2

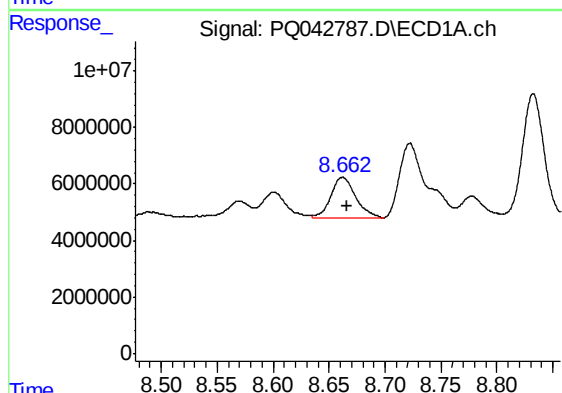
R.T.: 8.268 min
Delta R.T.: -0.004 min
Response: 33815231
Conc: 140.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



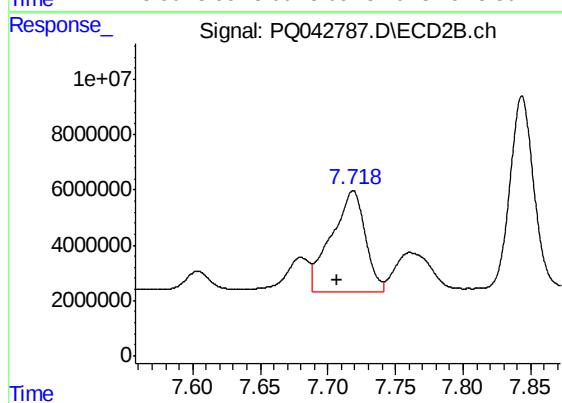
#27 AR-1254-2

R.T.: 7.256 min
Delta R.T.: -0.004 min
Response: 37420592
Conc: 185.06 ng/ml



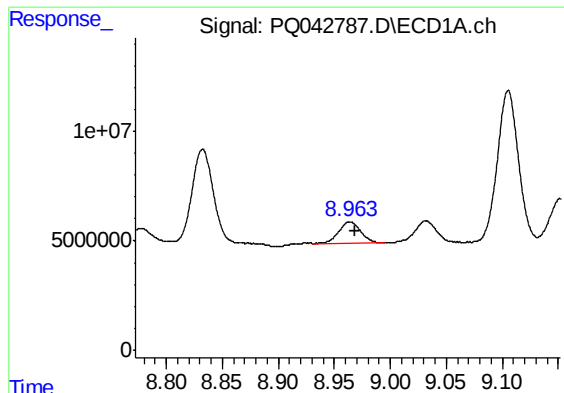
#28 AR-1254-3

R.T.: 8.662 min
Delta R.T.: -0.004 min
Response: 22769897
Conc: 79.87 ng/ml



#28 AR-1254-3

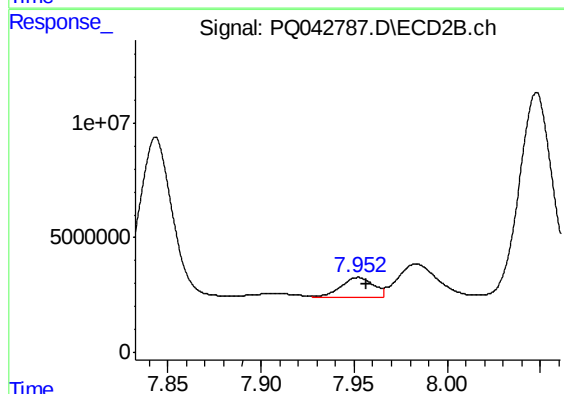
R.T.: 7.719 min
Delta R.T.: 0.012 min
Response: 63828159
Conc: 181.26 ng/ml



#29 AR-1254-4

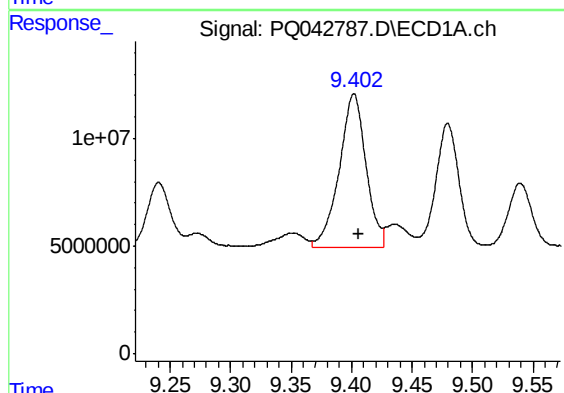
R.T.: 8.964 min
Delta R.T.: -0.004 min
Response: 13196949
Conc: 55.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



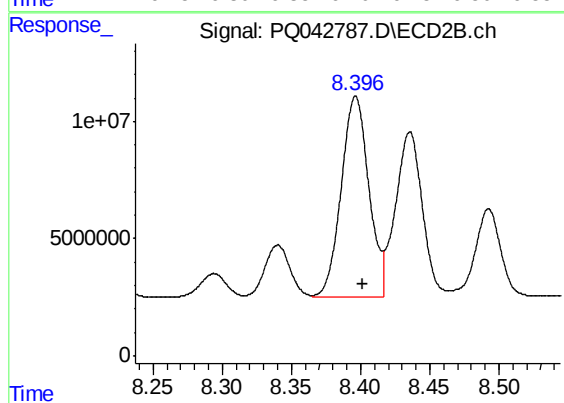
#29 AR-1254-4

R.T.: 7.952 min
Delta R.T.: -0.004 min
Response: 10593020
Conc: 41.28 ng/ml



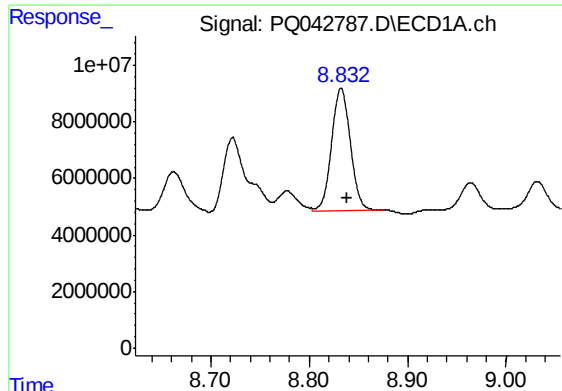
#30 AR-1254-5

R.T.: 9.402 min
Delta R.T.: -0.004 min
Response: 109097740
Conc: 422.53 ng/ml



#30 AR-1254-5

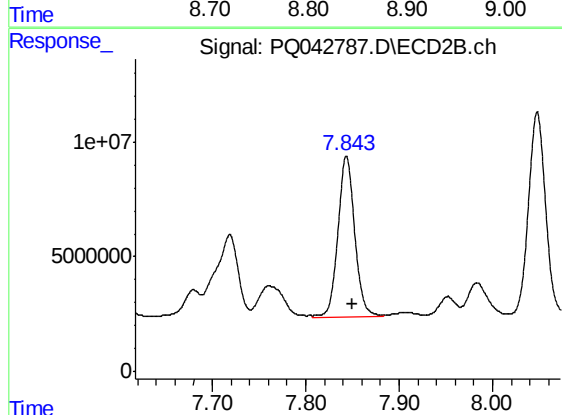
R.T.: 8.396 min
Delta R.T.: -0.005 min
Response: 118557297
Conc: 326.27 ng/ml



#31 AR-1260-1

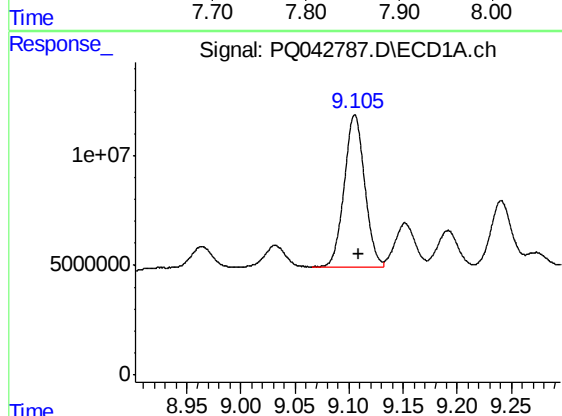
R.T.: 8.832 min
Delta R.T.: -0.006 min
Response: 57607742
Conc: 326.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



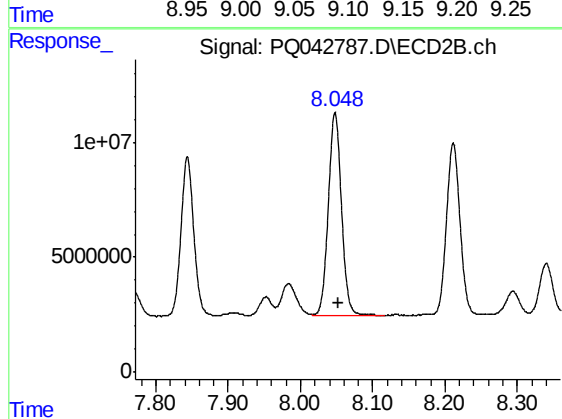
#31 AR-1260-1

R.T.: 7.844 min
Delta R.T.: -0.006 min
Response: 88293088
Conc: 432.75 ng/ml



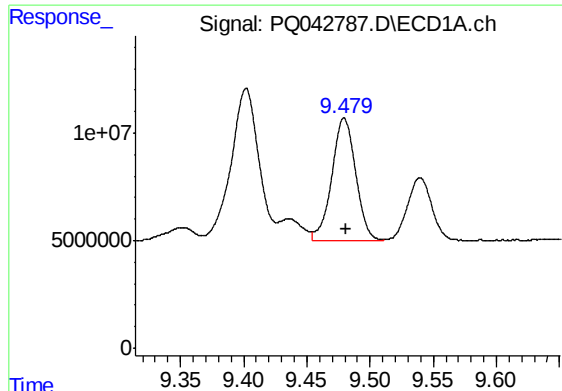
#32 AR-1260-2

R.T.: 9.105 min
Delta R.T.: -0.004 min
Response: 92062227
Conc: 383.02 ng/ml



#32 AR-1260-2

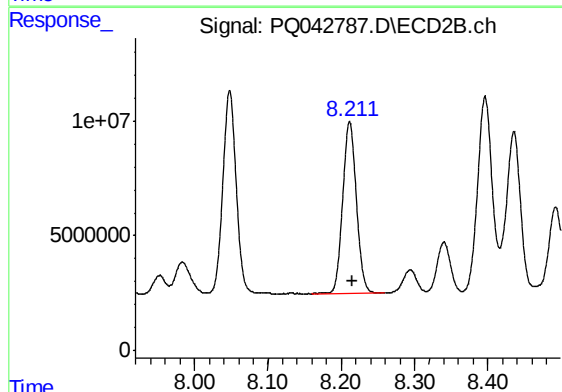
R.T.: 8.048 min
Delta R.T.: -0.004 min
Response: 113018237
Conc: 421.90 ng/ml



#33 AR-1260-3

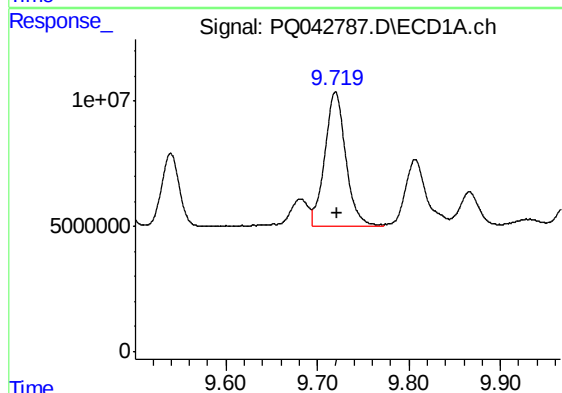
R.T.: 9.480 min
Delta R.T.: -0.002 min
Response: 75649179
Conc: 349.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



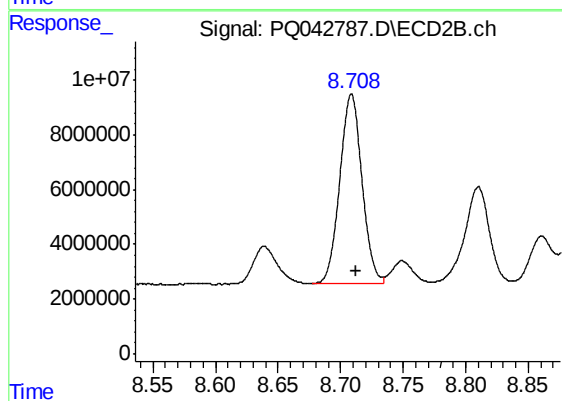
#33 AR-1260-3

R.T.: 8.212 min
Delta R.T.: -0.004 min
Response: 96896683
Conc: 406.51 ng/ml



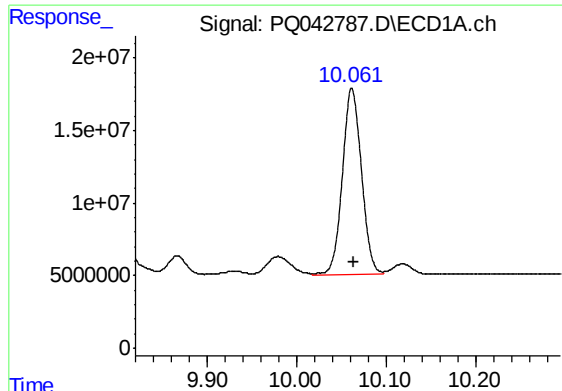
#34 AR-1260-4

R.T.: 9.720 min
Delta R.T.: -0.002 min
Response: 84962188
Conc: 349.89 ng/ml



#34 AR-1260-4

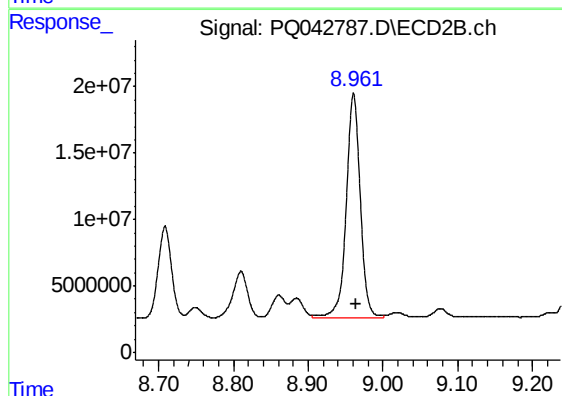
R.T.: 8.709 min
Delta R.T.: -0.004 min
Response: 85838434
Conc: 378.62 ng/ml



#35 AR-1260-5

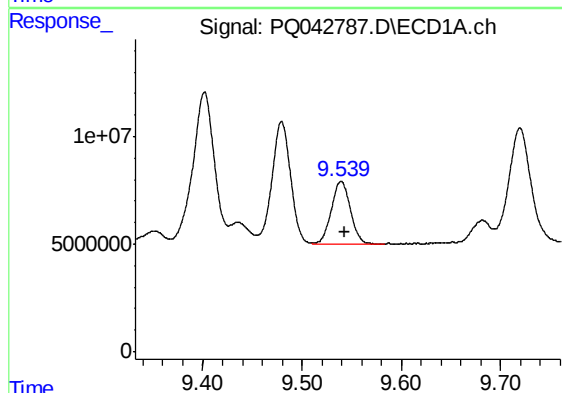
R.T.: 10.062 min
Delta R.T.: -0.002 min
Response: 190445849
Conc: 320.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



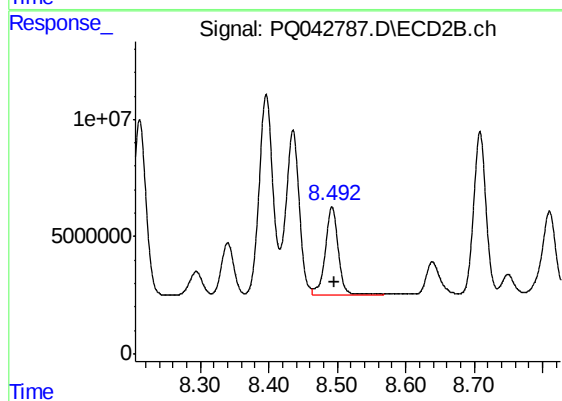
#35 AR-1260-5

R.T.: 8.961 min
Delta R.T.: -0.004 min
Response: 221077722
Conc: 354.98 ng/ml



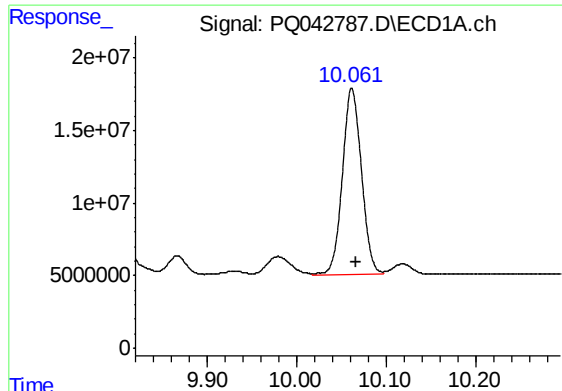
#36 AR-1262-1

R.T.: 9.539 min
Delta R.T.: -0.004 min
Response: 39653665
Conc: 275.11 ng/ml



#36 AR-1262-1

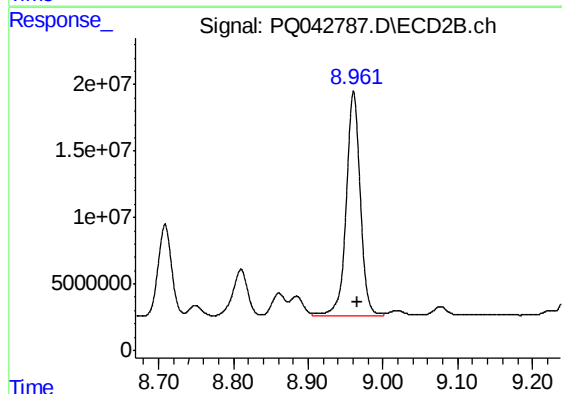
R.T.: 8.493 min
Delta R.T.: -0.004 min
Response: 48577668
Conc: 283.78 ng/ml



#37 AR-1262-2

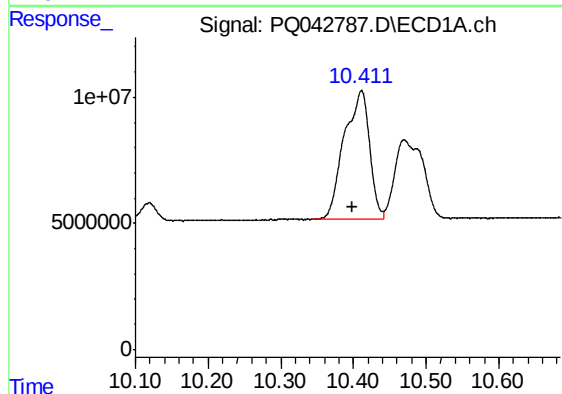
R.T.: 10.062 min
Delta R.T.: -0.005 min
Response: 190445849
Conc: 253.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



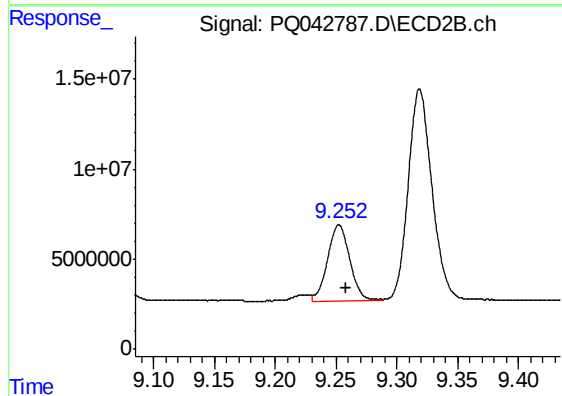
#37 AR-1262-2

R.T.: 8.961 min
Delta R.T.: -0.005 min
Response: 221077722
Conc: 264.64 ng/ml



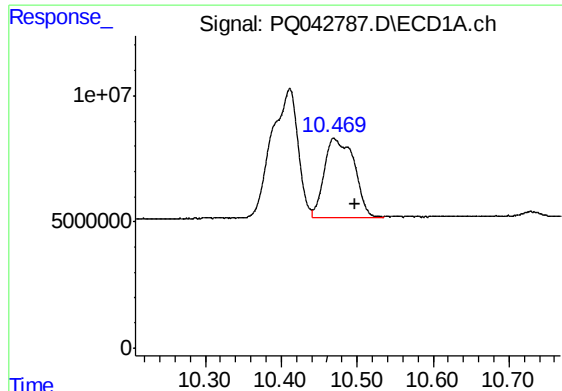
#38 AR-1262-3

R.T.: 10.411 min
Delta R.T.: 0.013 min
Response: 123751736
Conc: 230.10 ng/ml



#38 AR-1262-3

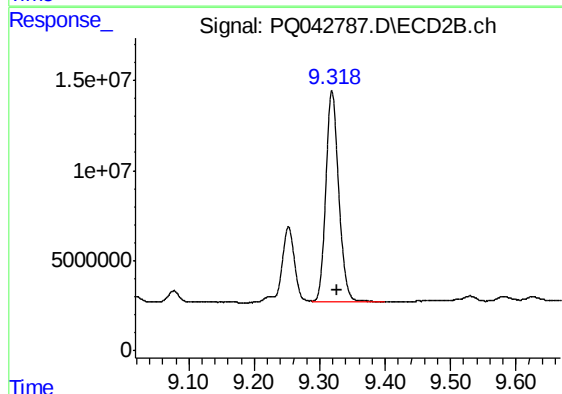
R.T.: 9.252 min
Delta R.T.: -0.006 min
Response: 54056941
Conc: 152.09 ng/ml



#39 AR-1262-4

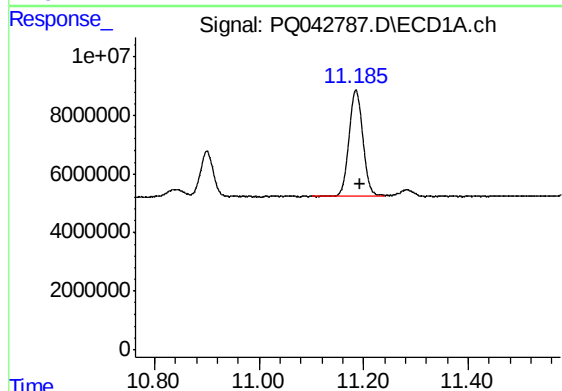
R.T.: 10.469 min
Delta R.T.: -0.028 min
Response: 85476380
Conc: 196.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



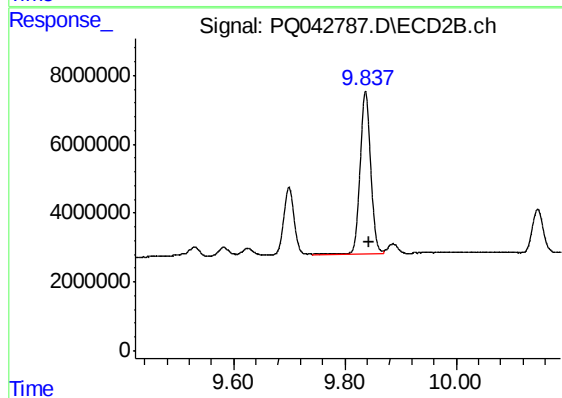
#39 AR-1262-4

R.T.: 9.319 min
Delta R.T.: -0.007 min
Response: 161663606
Conc: 250.71 ng/ml



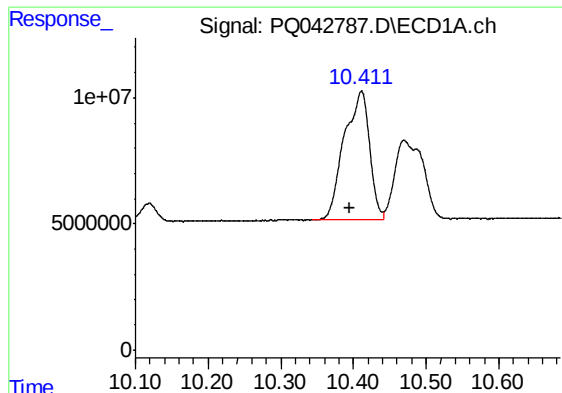
#40 AR-1262-5

R.T.: 11.186 min
Delta R.T.: -0.007 min
Response: 67611269
Conc: 197.12 ng/ml



#40 AR-1262-5

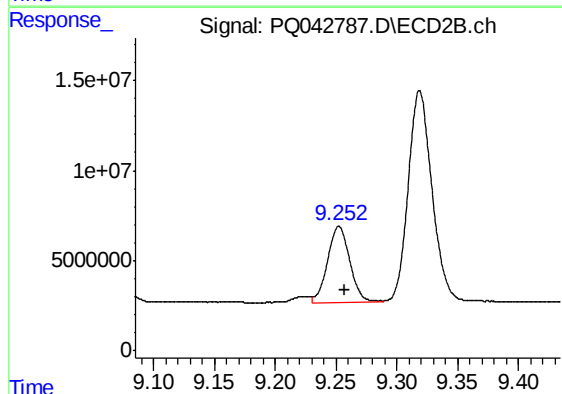
R.T.: 9.837 min
Delta R.T.: -0.007 min
Response: 63050879
Conc: 199.31 ng/ml



#41 AR-1268-1

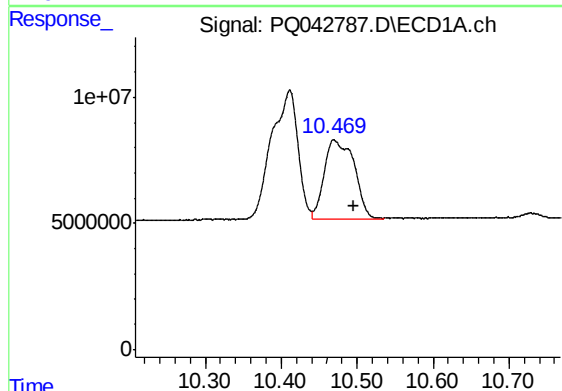
R.T.: 10.411 min
Delta R.T.: 0.017 min
Response: 123751736
Conc: 129.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



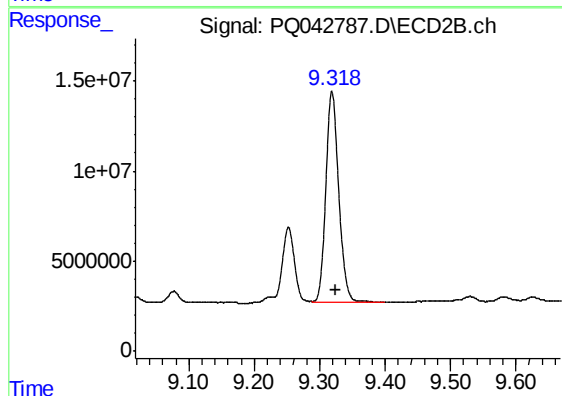
#41 AR-1268-1

R.T.: 9.252 min
Delta R.T.: -0.005 min
Response: 54056941
Conc: 53.85 ng/ml



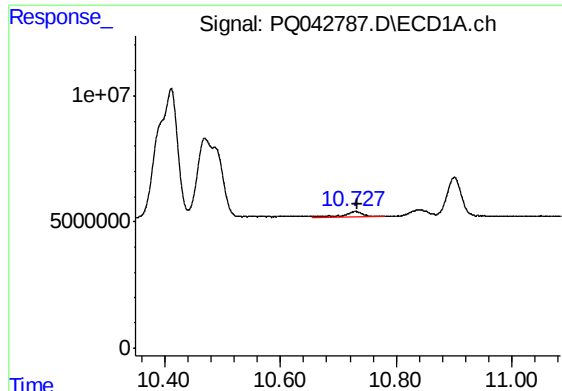
#42 AR-1268-2

R.T.: 10.469 min
Delta R.T.: -0.026 min
Response: 85476380
Conc: 91.77 ng/ml



#42 AR-1268-2

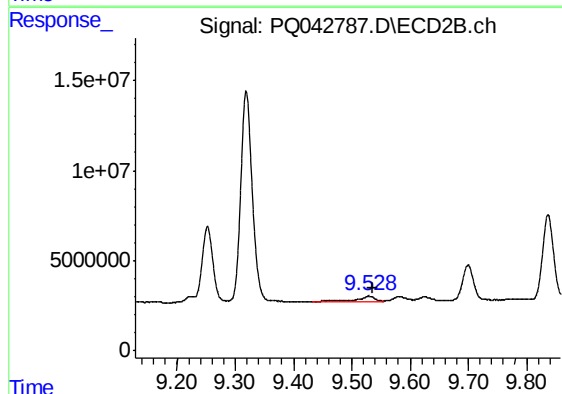
R.T.: 9.319 min
Delta R.T.: -0.006 min
Response: 161663606
Conc: 172.17 ng/ml



#43 AR-1268-3

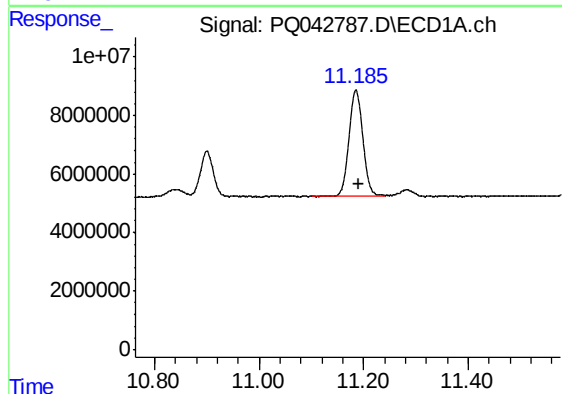
R.T.: 10.728 min
Delta R.T.: -0.006 min
Response: 5011759
Conc: 6.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



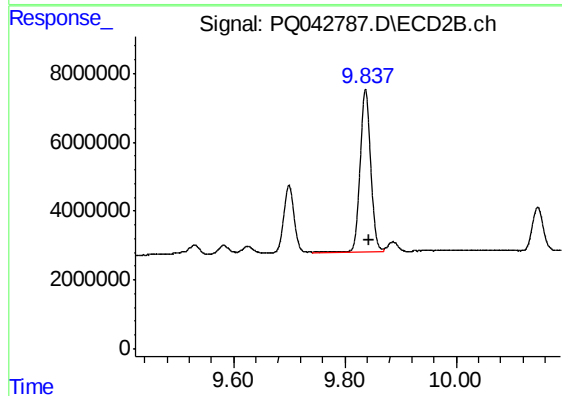
#43 AR-1268-3

R.T.: 9.530 min
Delta R.T.: -0.006 min
Response: 5905099
Conc: 7.41 ng/ml



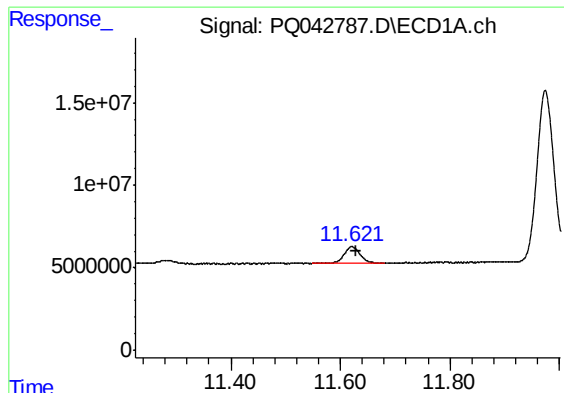
#44 AR-1268-4

R.T.: 11.186 min
Delta R.T.: -0.005 min
Response: 67611269
Conc: 182.21 ng/ml



#44 AR-1268-4

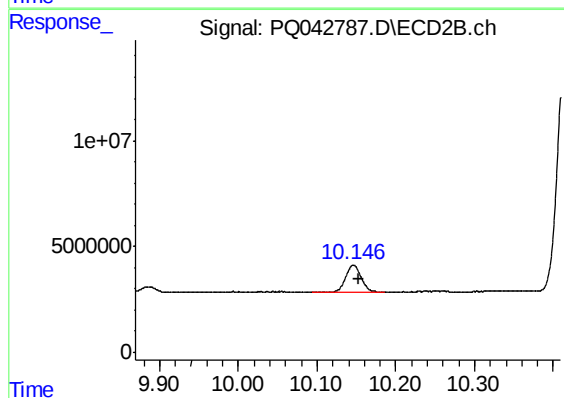
R.T.: 9.837 min
Delta R.T.: -0.006 min
Response: 63050879
Conc: 184.23 ng/ml



#45 AR-1268-5

R.T.: 11.621 min
Delta R.T.: -0.007 min
Response: 20846232
Conc: 7.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.146 min
Delta R.T.: -0.007 min
Response: 16857963
Conc: 6.58 ng/ml