

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112019\
 Data File : PQ045291.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2019 02:26
 Operator : SM\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1254328

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 03:44:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 03:35:55 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...	5.092	4.300	141.1E6	102.4E6	17.781	21.718
2)	SA Decachlor...	11.149	9.716	230.8E6	220.1E6	33.321	32.435
Target Compounds							
3)	L1 AR-1016-1	6.407	5.580	3413394	2438669	13.583	13.241
4)	L1 AR-1016-2	6.433	5.599	3880082	1716893	10.261	6.498 #
5)	L1 AR-1016-3	6.494	5.798	1856169	1146280	7.995	8.882
6)	L1 AR-1016-4	6.602	5.845	1859864	56511752	9.823	520.418 #
7)	L1 AR-1016-5	6.918	6.080	41616333	37674571	213.368	246.589
9)	L2 AR-1221-2	5.445	4.665	1738033	1494592	29.602	37.857 #
12)	L3 AR-1232-2	6.112	5.599	1451380	1716893	16.183	13.804
13)	L3 AR-1232-3	6.433	5.798	3880082	1146280	21.975	19.356
14)	L3 AR-1232-4	6.602	5.890	1859864	16876172	21.021	280.735 #
15)	L3 AR-1232-5	6.700	6.080	71607459	37674571	1079.400	517.273 #
16)	L4 AR-1242-1	6.407	5.580	3413394	2438669	15.880	15.554
17)	L4 AR-1242-2	6.433	5.599	3880082	1716893	12.065	7.673 #
18)	L4 AR-1242-3	6.494	5.798	1856169	1146280	9.355	10.313
19)	L4 AR-1242-4	6.602	5.890	1859864	16876172	11.519	141.525 #
20)	L4 AR-1242-5	7.386	6.462	39618817	157.8E6	218.931	960.894 #
21)	L5 AR-1248-1	6.407	5.580	3413394	2438669	20.267	19.595
22)	L5 AR-1248-2	6.700	5.845	71607459	56511752	292.354	331.975
23)	L5 AR-1248-3	6.918	5.890	41616333	16876172	152.913	94.364 #
24)	L5 AR-1248-4	7.344	6.080	62962425	37674571	207.888	173.080
25)	L5 AR-1248-5	7.386	6.506	39618817	18725281	138.504	83.974 #
26)	L6 AR-1254-1	7.316	6.462	127.5E6	157.8E6	394.024	433.726
27)	L6 AR-1254-2	7.544	6.620	195.4E6	141.5E6	393.476	439.261
28)	L6 AR-1254-3	7.926	7.048	204.5E6	242.4E6	384.268	437.081
29)	L6 AR-1254-4	8.219	7.287	146.1E6	157.6E6	378.251	440.832
30)	L6 AR-1254-5	8.648	7.720	156.7E6	215.4E6	362.708	430.732
31)	L7 AR-1260-1	8.093	7.184	79726181	114.4E6	255.267	373.282 #
32)	L7 AR-1260-2	8.356	7.380	89013399	95183523	217.404	241.059
33)	L7 AR-1260-3	8.713	7.539	20904712	94947193	64.031	277.147 #
34)	L7 AR-1260-4	8.947	8.025	59300175	9461872	155.943	30.855 #
35)	L7 AR-1260-5	9.288	8.272	19281935	21605948	25.048	27.607
36)	L8 AR-1262-1	8.782	7.720	6782653	215.4E6	32.516	850.974 #
37)	L8 AR-1262-2	9.288	8.272	19281935	21605948	21.349	21.897
38)	L8 AR-1262-3	9.629	8.559	15504981	780069	25.423	2.025 #
39)	L8 AR-1262-4	9.679	8.625	3673867	20719850	8.086	28.125 #
40)	L8 AR-1262-5	0.000	9.139	0	778673	N.D.	2.237 #
41)	L9 AR-1268-1	9.629	8.559	15504981	780069	13.884	0.649 #
42)	L9 AR-1268-2	9.679	8.625	3673867	20719850	3.614	18.606 #
43)	L9 AR-1268-3	0.000	8.834	0	1595017	N.D.	1.715 #
44)	L9 AR-1268-4	0.000	9.139	0	778673	N.D.	1.933 #

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Instrument :
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ClientSampleId :
AR1254328

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:44:19 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 03:35:55 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
45) L9	AR-1268-5	0.000	9.446	0	1286424	N.D.	0.426 #

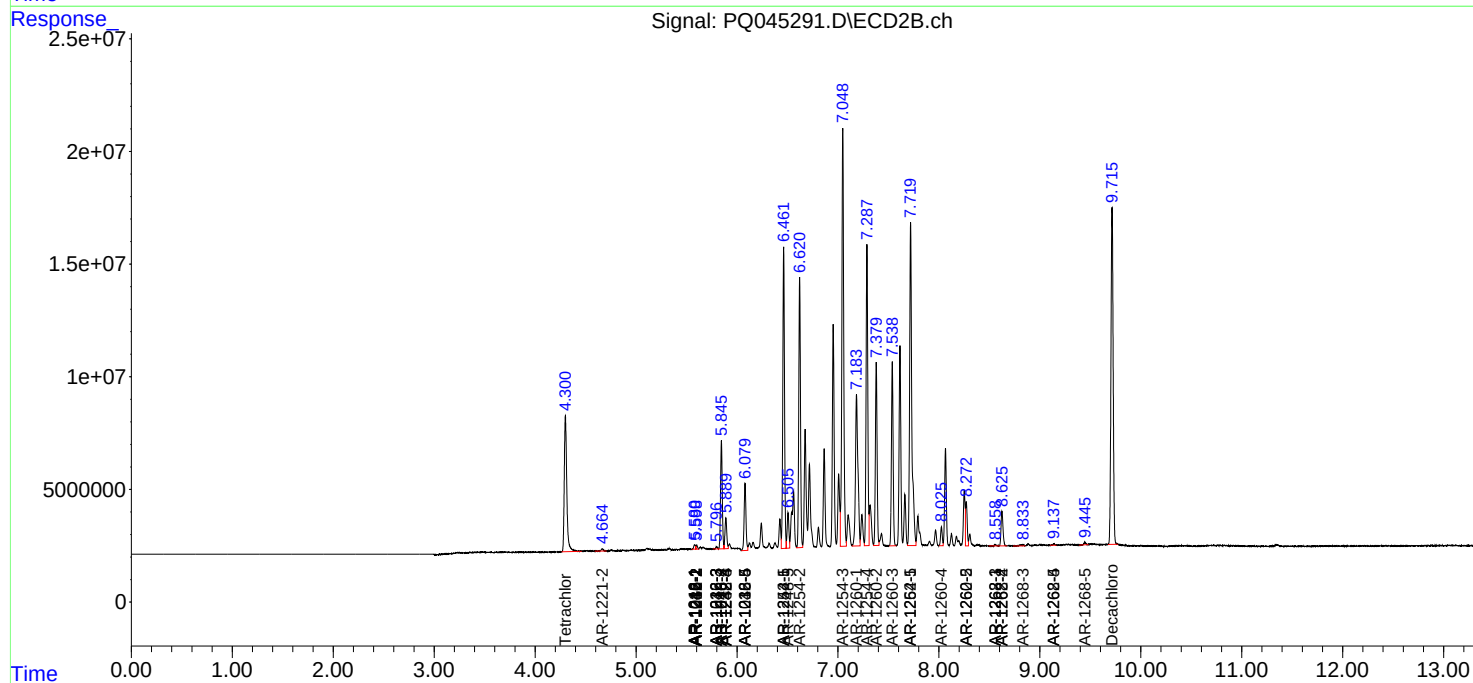
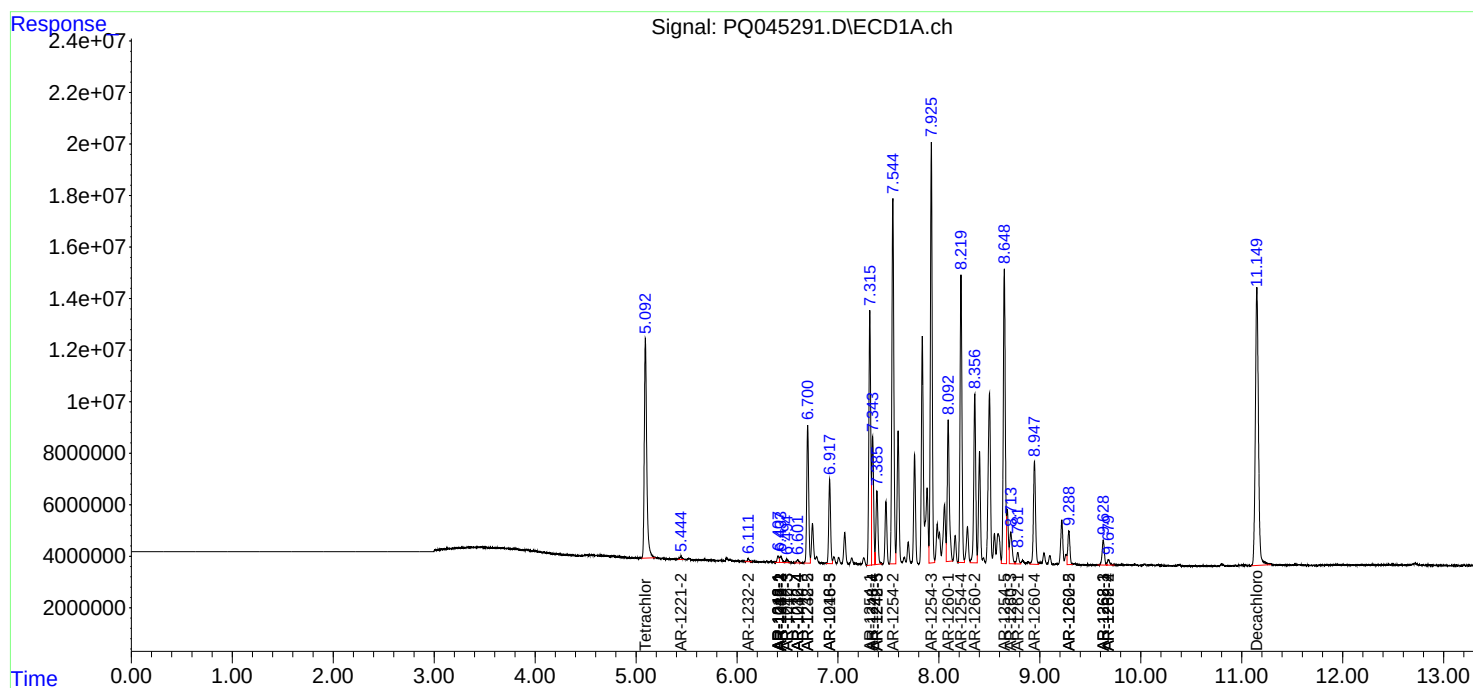
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

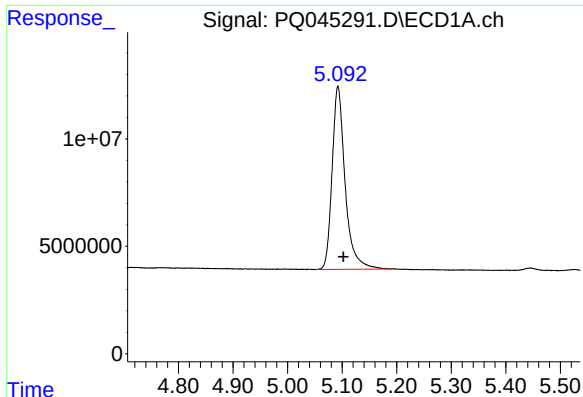
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112019\
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

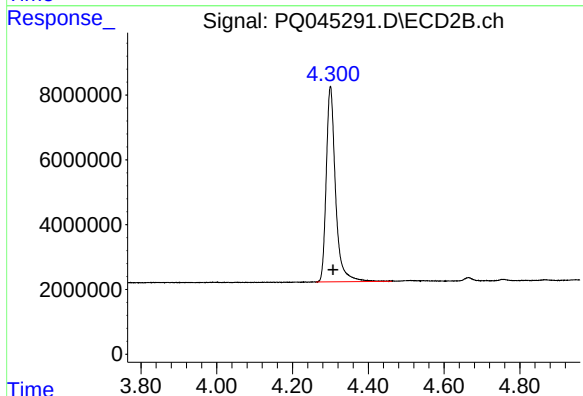




#1 Tetrachloro-m-xylene

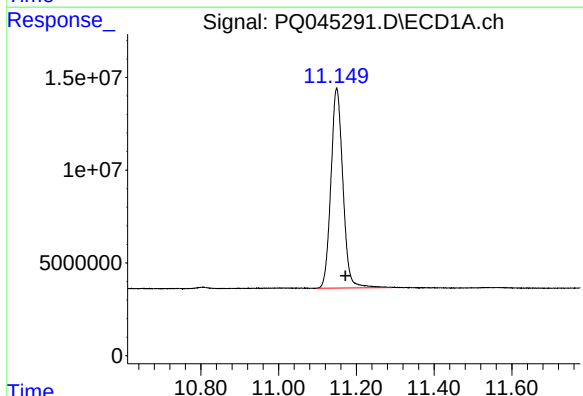
R.T.: 5.092 min
Delta R.T.: -0.010 min
Response: 141140868
Conc: 17.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254328



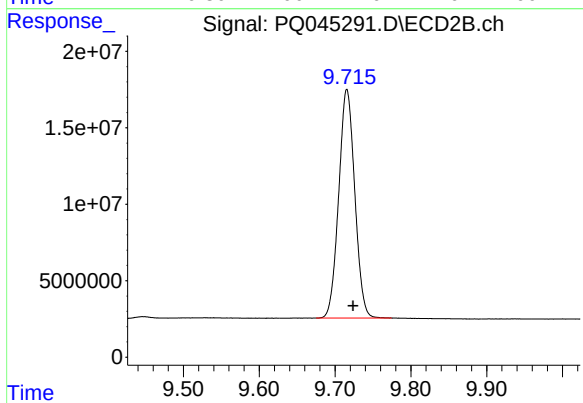
#1 Tetrachloro-m-xylene

R.T.: 4.300 min
Delta R.T.: -0.007 min
Response: 102407168
Conc: 21.72 ng/ml



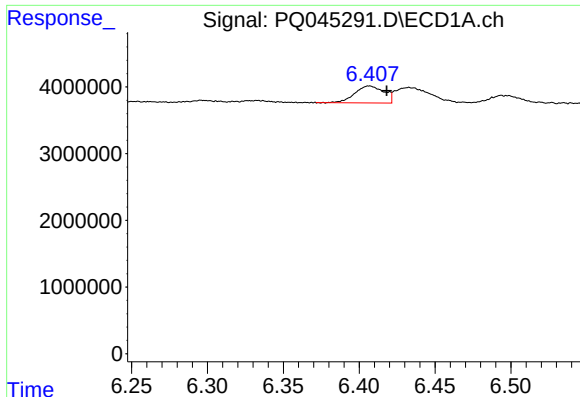
#2 Decachlorobiphenyl

R.T.: 11.149 min
Delta R.T.: -0.022 min
Response: 230782345
Conc: 33.32 ng/ml



#2 Decachlorobiphenyl

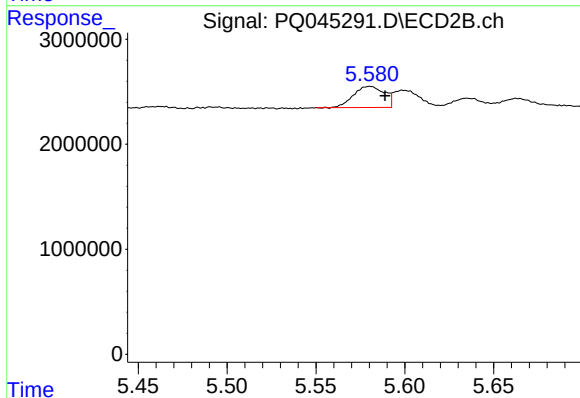
R.T.: 9.716 min
Delta R.T.: -0.008 min
Response: 220074524
Conc: 32.44 ng/ml



#3 AR-1016-1

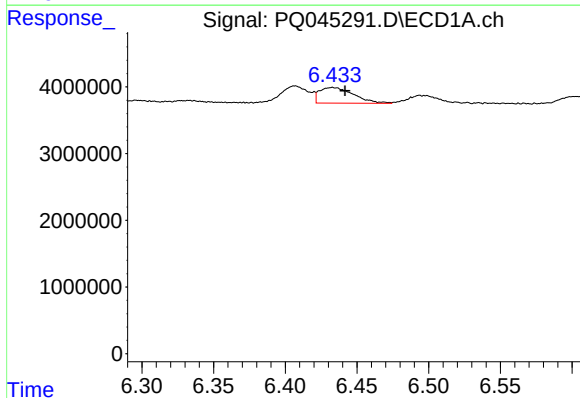
R.T.: 6.407 min
Delta R.T.: -0.011 min
Response: 3413394
Conc: 13.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254328



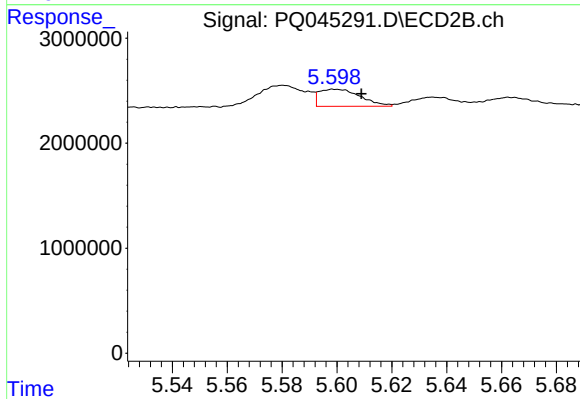
#3 AR-1016-1

R.T.: 5.580 min
Delta R.T.: -0.009 min
Response: 2438669
Conc: 13.24 ng/ml



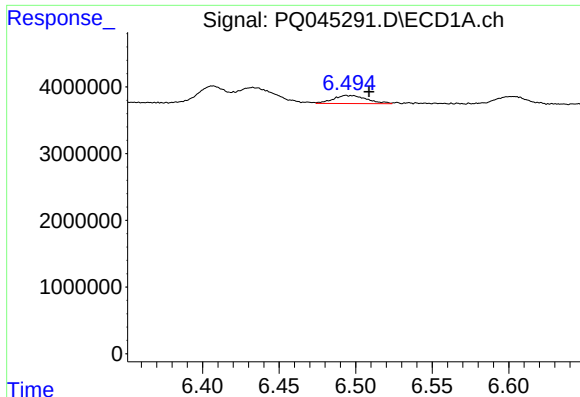
#4 AR-1016-2

R.T.: 6.433 min
Delta R.T.: -0.009 min
Response: 3880082
Conc: 10.26 ng/ml



#4 AR-1016-2

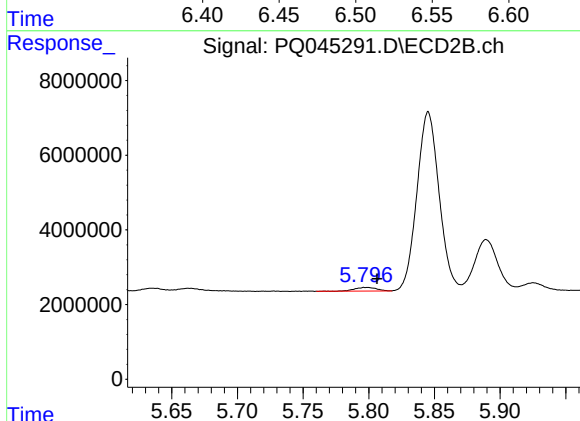
R.T.: 5.599 min
Delta R.T.: -0.010 min
Response: 1716893
Conc: 6.50 ng/ml



#5 AR-1016-3

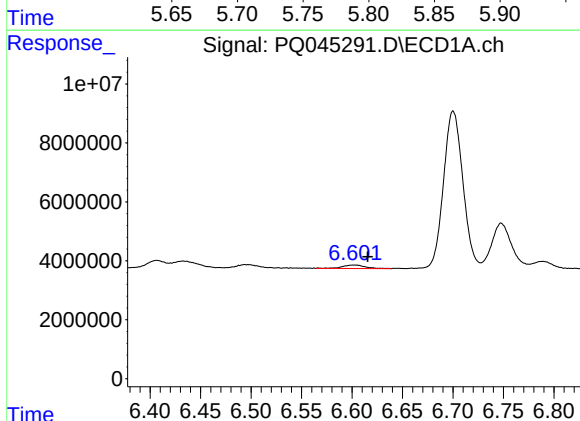
R.T.: 6.494 min
Delta R.T.: -0.015 min
Response: 1856169
Conc: 7.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254328



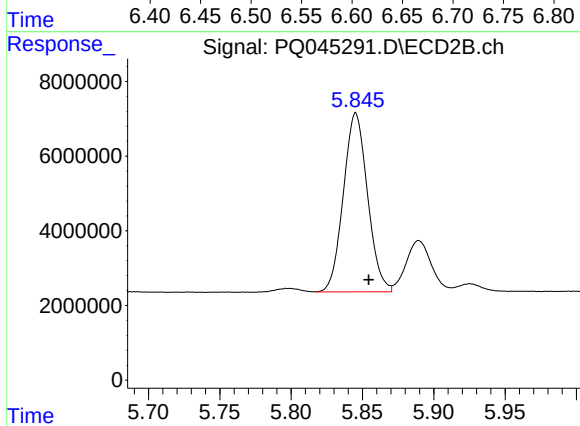
#5 AR-1016-3

R.T.: 5.798 min
Delta R.T.: -0.008 min
Response: 1146280
Conc: 8.88 ng/ml



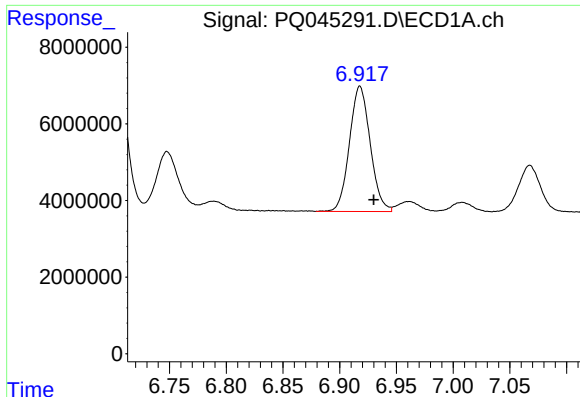
#6 AR-1016-4

R.T.: 6.602 min
Delta R.T.: -0.013 min
Response: 1859864
Conc: 9.82 ng/ml



#6 AR-1016-4

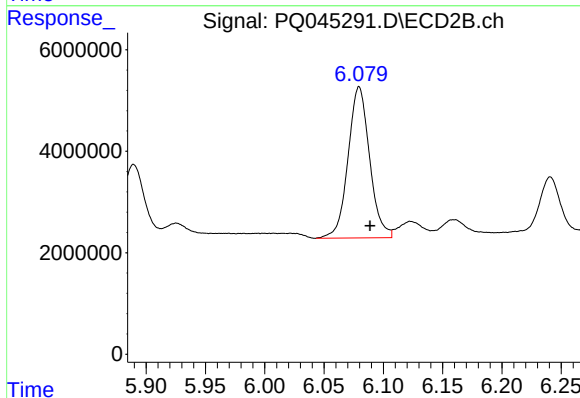
R.T.: 5.845 min
Delta R.T.: -0.009 min
Response: 56511752
Conc: 520.42 ng/ml



#7 AR-1016-5

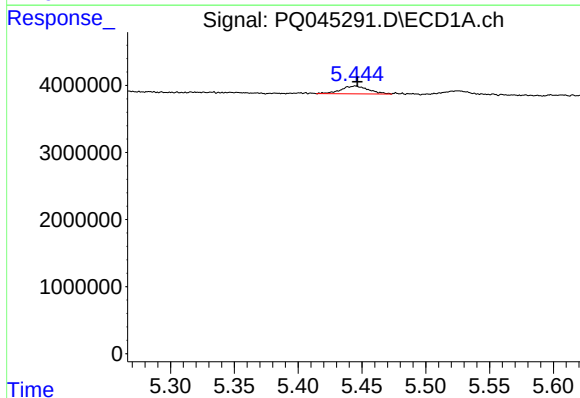
R.T.: 6.918 min
Delta R.T.: -0.012 min
Response: 41616333
Conc: 213.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254328



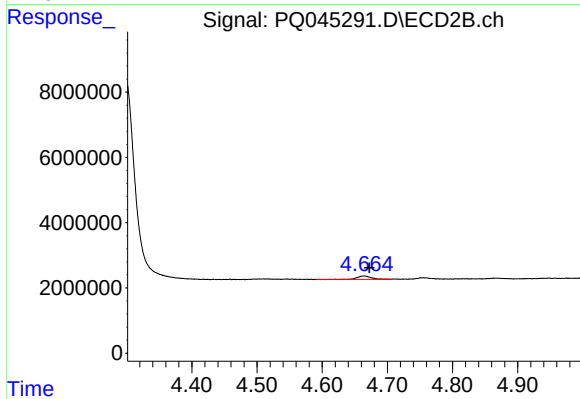
#7 AR-1016-5

R.T.: 6.080 min
Delta R.T.: -0.009 min
Response: 37674571
Conc: 246.59 ng/ml



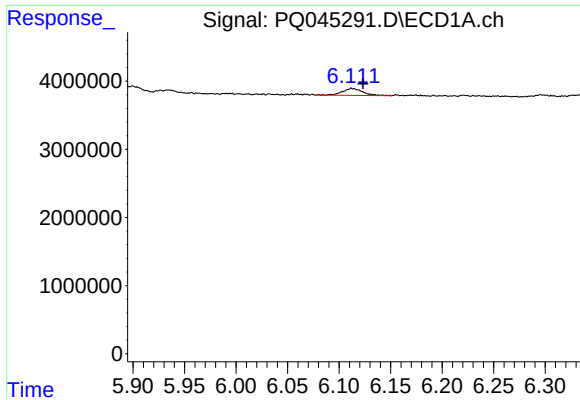
#9 AR-1221-2

R.T.: 5.445 min
Delta R.T.: -0.001 min
Response: 1738033
Conc: 29.60 ng/ml



#9 AR-1221-2

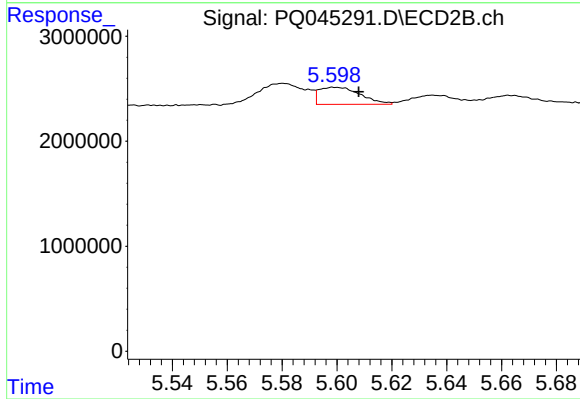
R.T.: 4.665 min
Delta R.T.: -0.008 min
Response: 1494592
Conc: 37.86 ng/ml



#12 AR-1232-2

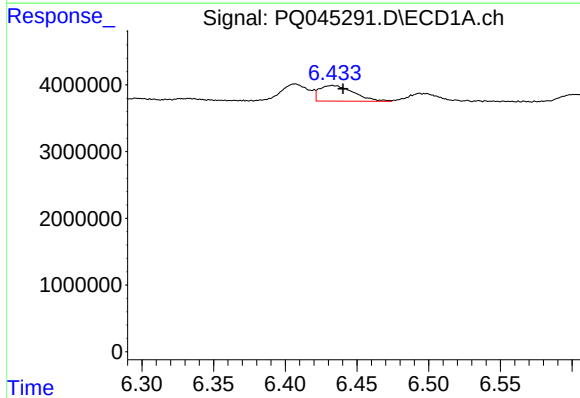
R.T.: 6.112 min
Delta R.T.: -0.011 min
Response: 1451380
Conc: 16.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254328



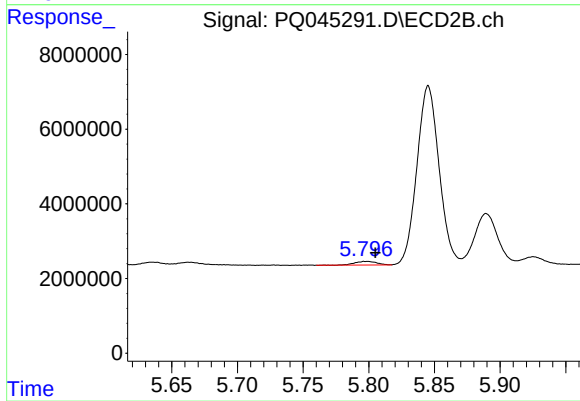
#12 AR-1232-2

R.T.: 5.599 min
Delta R.T.: -0.009 min
Response: 1716893
Conc: 13.80 ng/ml



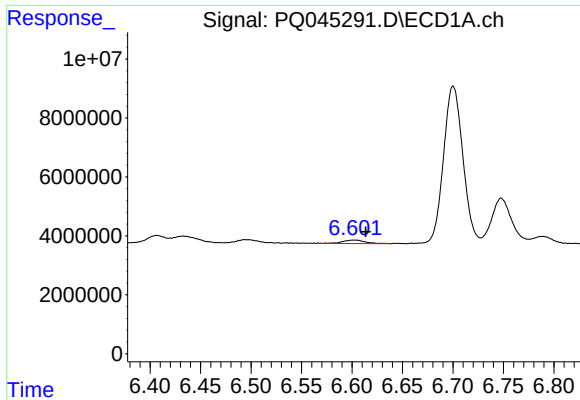
#13 AR-1232-3

R.T.: 6.433 min
Delta R.T.: -0.007 min
Response: 3880082
Conc: 21.98 ng/ml



#13 AR-1232-3

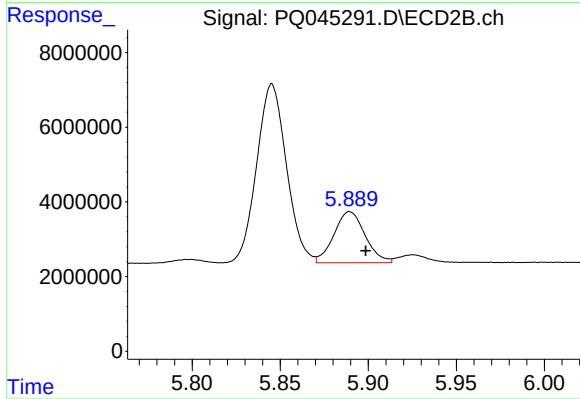
R.T.: 5.798 min
Delta R.T.: -0.007 min
Response: 1146280
Conc: 19.36 ng/ml



#14 AR-1232-4

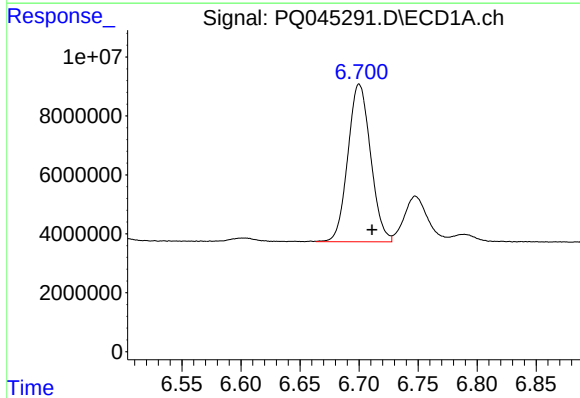
R.T.: 6.602 min
Delta R.T.: -0.011 min
Response: 1859864
Conc: 21.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254328



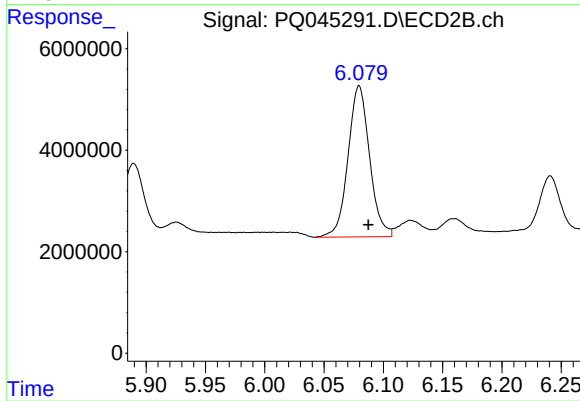
#14 AR-1232-4

R.T.: 5.890 min
Delta R.T.: -0.009 min
Response: 16876172
Conc: 280.73 ng/ml



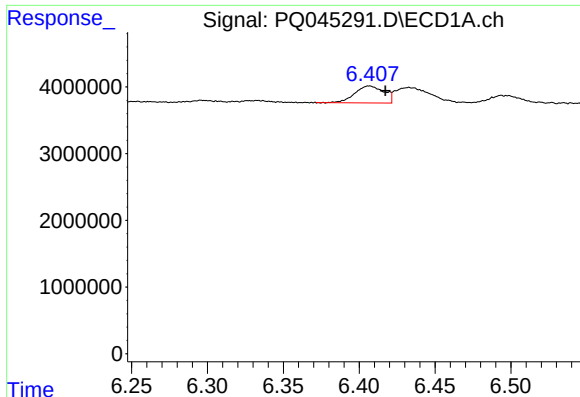
#15 AR-1232-5

R.T.: 6.700 min
Delta R.T.: -0.011 min
Response: 71607459
Conc: 1079.40 ng/ml



#15 AR-1232-5

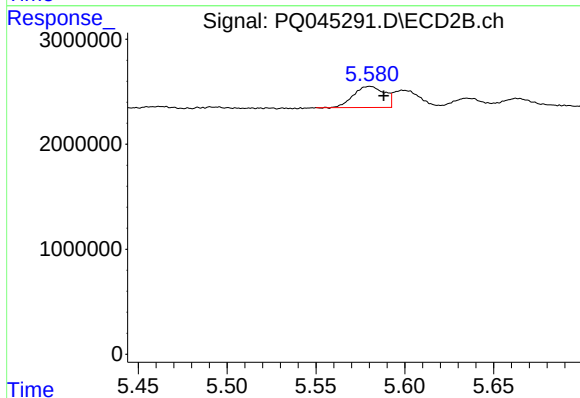
R.T.: 6.080 min
Delta R.T.: -0.008 min
Response: 37674571
Conc: 517.27 ng/ml



#16 AR-1242-1

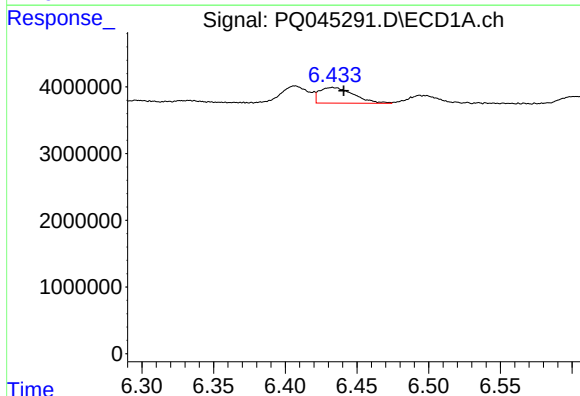
R.T.: 6.407 min
Delta R.T.: -0.010 min
Response: 3413394
Conc: 15.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254328



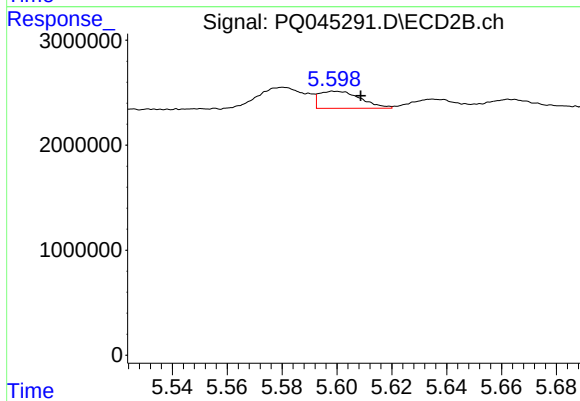
#16 AR-1242-1

R.T.: 5.580 min
Delta R.T.: -0.008 min
Response: 2438669
Conc: 15.55 ng/ml



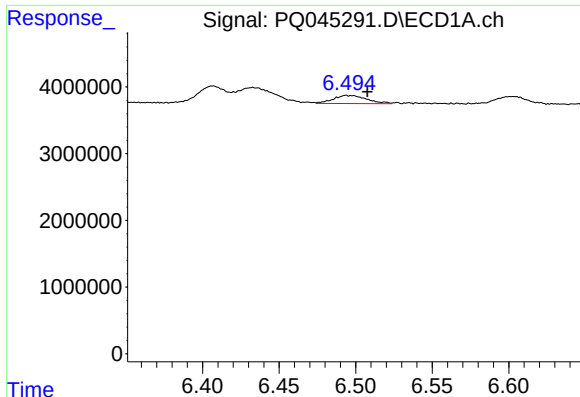
#17 AR-1242-2

R.T.: 6.433 min
Delta R.T.: -0.008 min
Response: 3880082
Conc: 12.07 ng/ml



#17 AR-1242-2

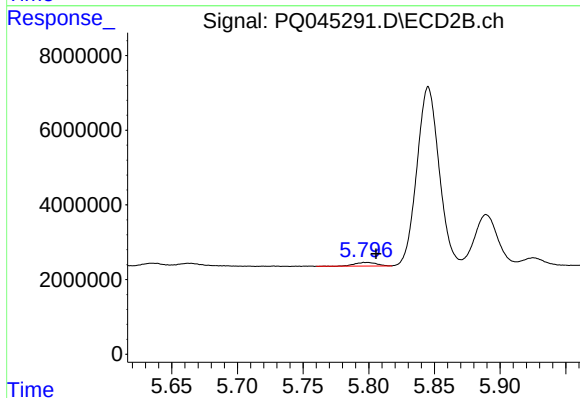
R.T.: 5.599 min
Delta R.T.: -0.009 min
Response: 1716893
Conc: 7.67 ng/ml



#18 AR-1242-3

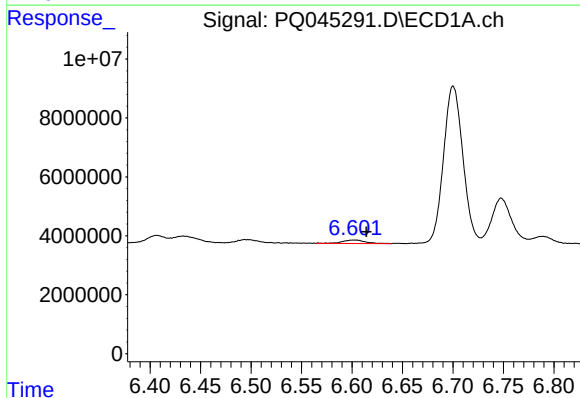
R.T.: 6.494 min
Delta R.T.: -0.014 min
Response: 1856169
Conc: 9.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254328



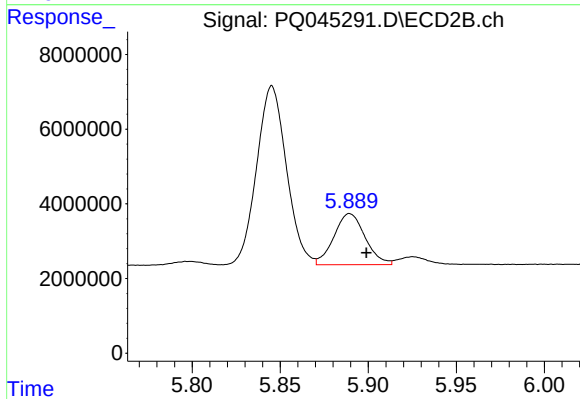
#18 AR-1242-3

R.T.: 5.798 min
Delta R.T.: -0.007 min
Response: 1146280
Conc: 10.31 ng/ml



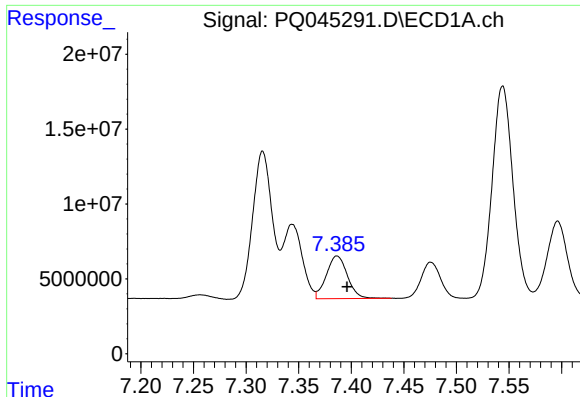
#19 AR-1242-4

R.T.: 6.602 min
Delta R.T.: -0.012 min
Response: 1859864
Conc: 11.52 ng/ml



#19 AR-1242-4

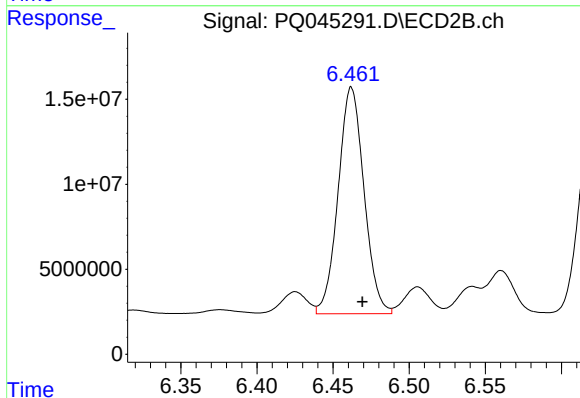
R.T.: 5.890 min
Delta R.T.: -0.009 min
Response: 16876172
Conc: 141.53 ng/ml



#20 AR-1242-5

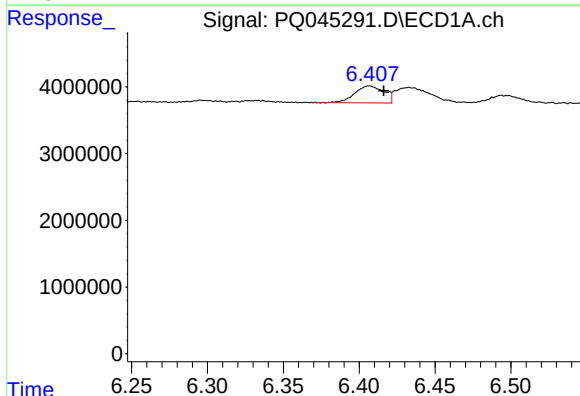
R.T.: 7.386 min
Delta R.T.: -0.010 min
Response: 39618817
Conc: 218.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254328



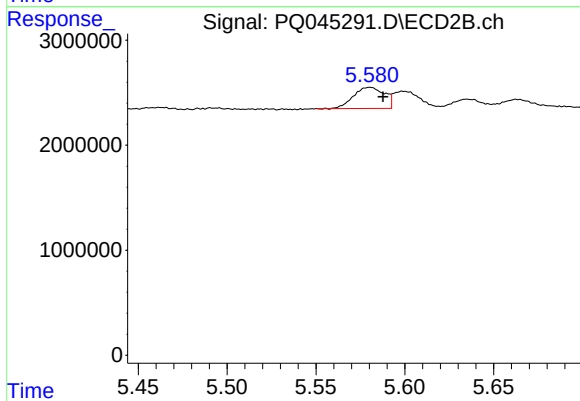
#20 AR-1242-5

R.T.: 6.462 min
Delta R.T.: -0.007 min
Response: 157781128
Conc: 960.89 ng/ml



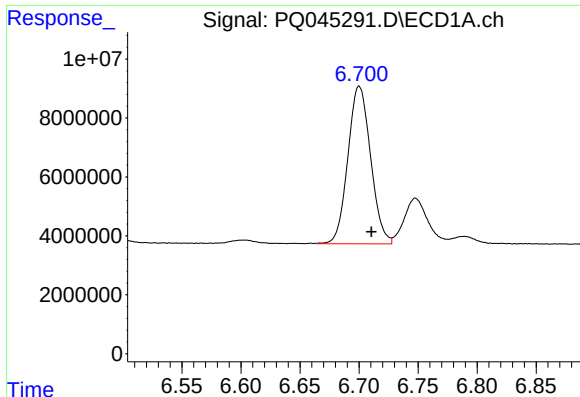
#21 AR-1248-1

R.T.: 6.407 min
Delta R.T.: -0.009 min
Response: 3413394
Conc: 20.27 ng/ml



#21 AR-1248-1

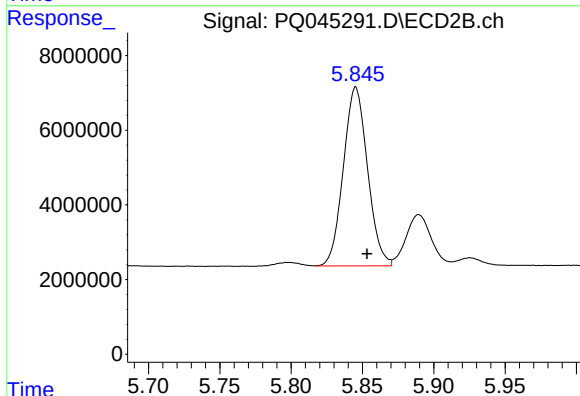
R.T.: 5.580 min
Delta R.T.: -0.007 min
Response: 2438669
Conc: 19.60 ng/ml



#22 AR-1248-2

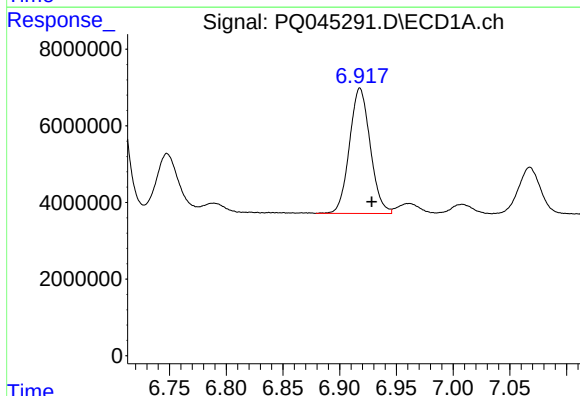
R.T.: 6.700 min
Delta R.T.: -0.011 min
Response: 71607459
Conc: 292.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254328



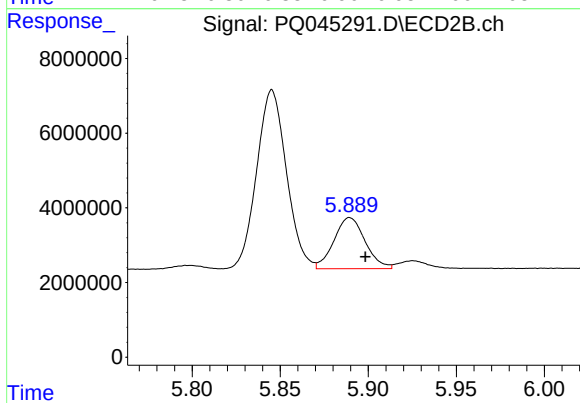
#22 AR-1248-2

R.T.: 5.845 min
Delta R.T.: -0.008 min
Response: 56511752
Conc: 331.97 ng/ml



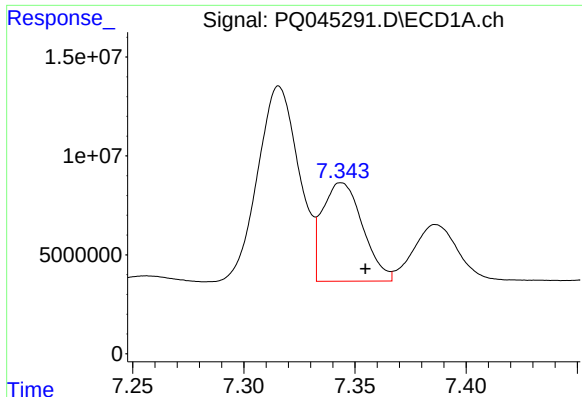
#23 AR-1248-3

R.T.: 6.918 min
Delta R.T.: -0.010 min
Response: 41616333
Conc: 152.91 ng/ml



#23 AR-1248-3

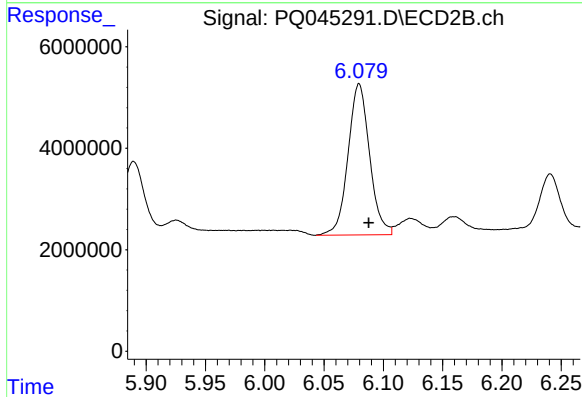
R.T.: 5.890 min
Delta R.T.: -0.009 min
Response: 16876172
Conc: 94.36 ng/ml



#24 AR-1248-4

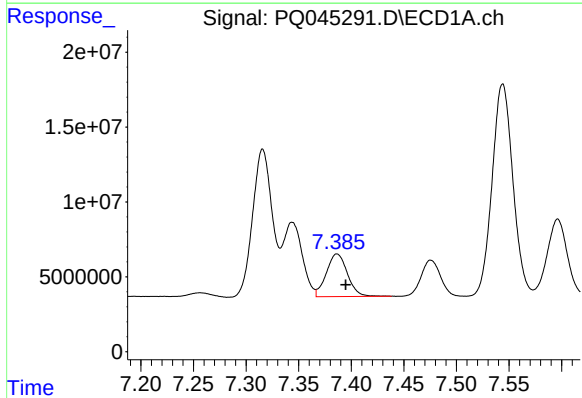
R.T.: 7.344 min
Delta R.T.: -0.011 min
Response: 62962425
Conc: 207.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254328



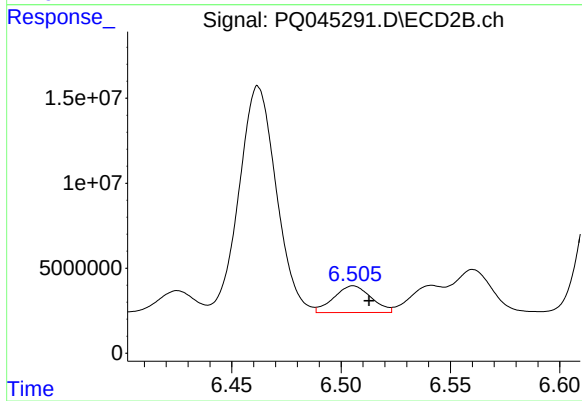
#24 AR-1248-4

R.T.: 6.080 min
Delta R.T.: -0.008 min
Response: 37674571
Conc: 173.08 ng/ml



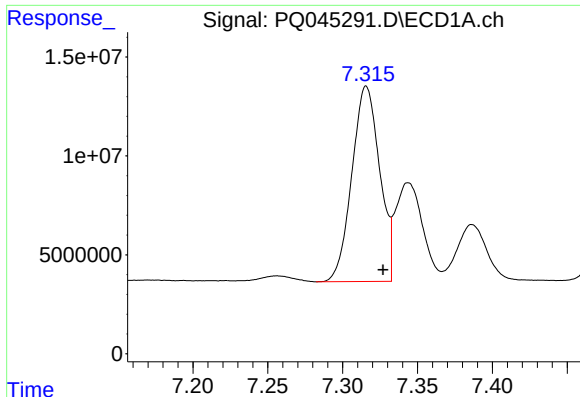
#25 AR-1248-5

R.T.: 7.386 min
Delta R.T.: -0.008 min
Response: 39618817
Conc: 138.50 ng/ml



#25 AR-1248-5

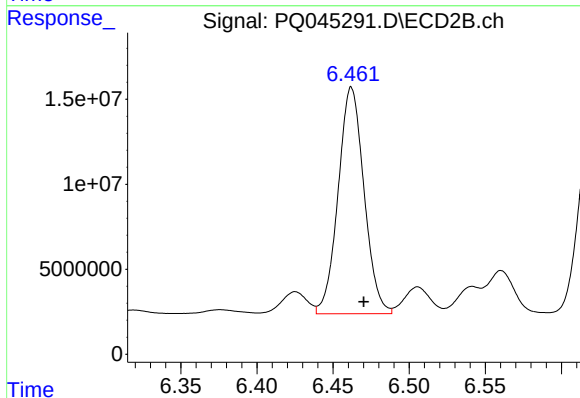
R.T.: 6.506 min
Delta R.T.: -0.007 min
Response: 18725281
Conc: 83.97 ng/ml



#26 AR-1254-1

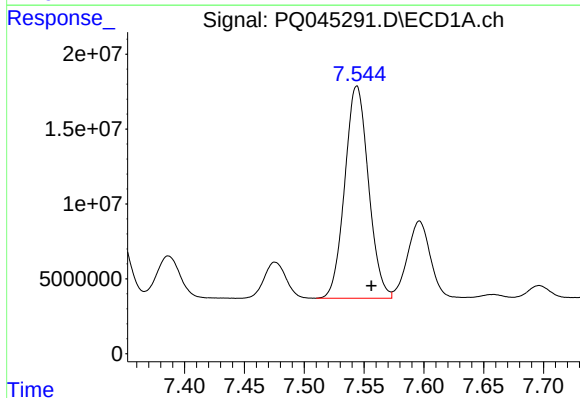
R.T.: 7.316 min
Delta R.T.: -0.011 min
Response: 127488987
Conc: 394.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254328



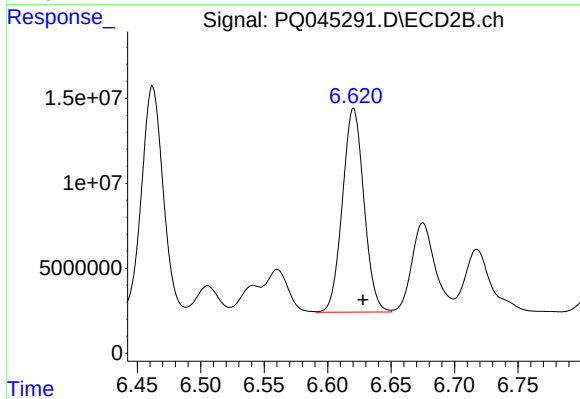
#26 AR-1254-1

R.T.: 6.462 min
Delta R.T.: -0.008 min
Response: 157781128
Conc: 433.73 ng/ml



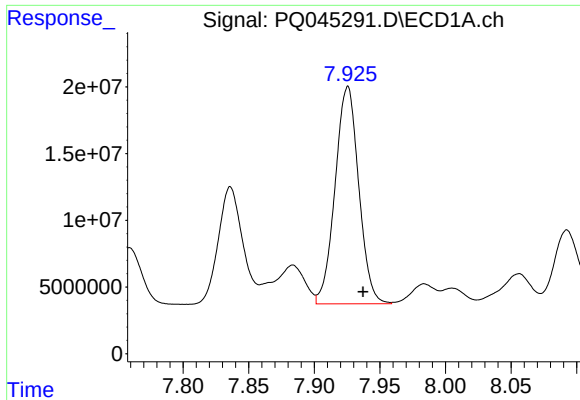
#27 AR-1254-2

R.T.: 7.544 min
Delta R.T.: -0.012 min
Response: 195361381
Conc: 393.48 ng/ml



#27 AR-1254-2

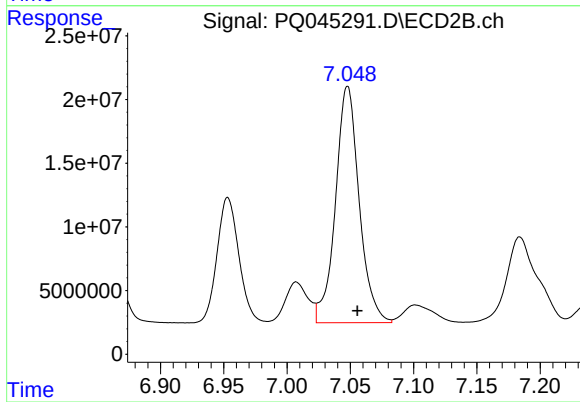
R.T.: 6.620 min
Delta R.T.: -0.007 min
Response: 141477399
Conc: 439.26 ng/ml



#28 AR-1254-3

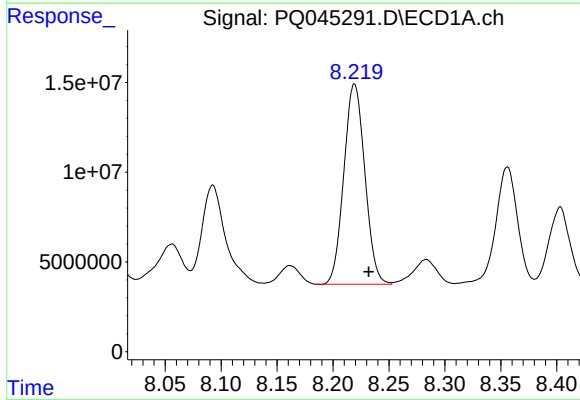
R.T.: 7.926 min
Delta R.T.: -0.012 min
Response: 204530537
Conc: 384.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254328



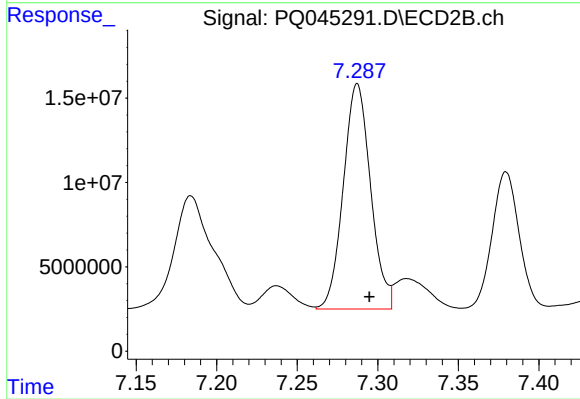
#28 AR-1254-3

R.T.: 7.048 min
Delta R.T.: -0.008 min
Response: 242445979
Conc: 437.08 ng/ml



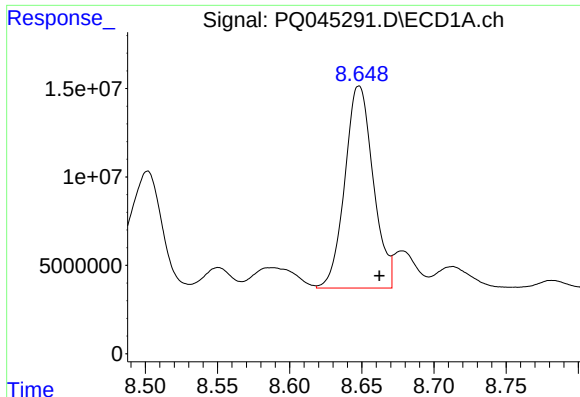
#29 AR-1254-4

R.T.: 8.219 min
Delta R.T.: -0.013 min
Response: 146115115
Conc: 378.25 ng/ml



#29 AR-1254-4

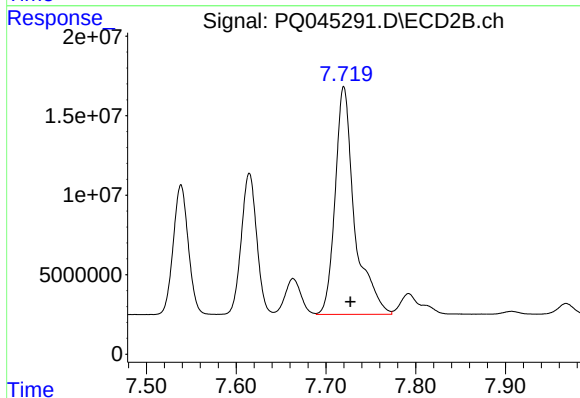
R.T.: 7.287 min
Delta R.T.: -0.007 min
Response: 157563939
Conc: 440.83 ng/ml



#30 AR-1254-5

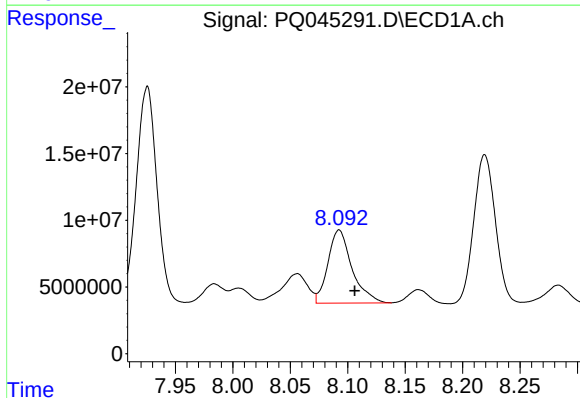
R.T.: 8.648 min
Delta R.T.: -0.014 min
Response: 156683458
Conc: 362.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254328



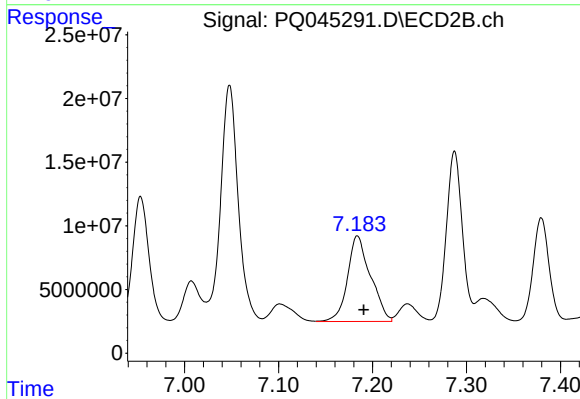
#30 AR-1254-5

R.T.: 7.720 min
Delta R.T.: -0.007 min
Response: 215375975
Conc: 430.73 ng/ml



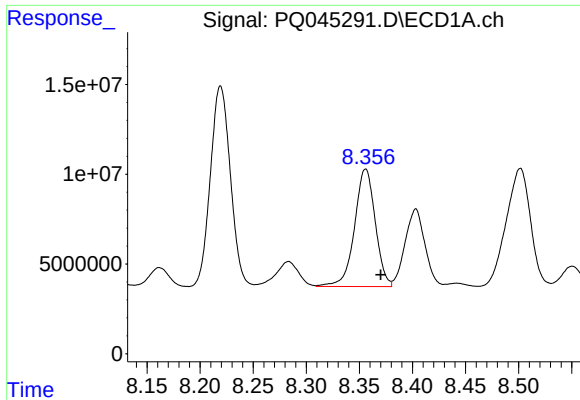
#31 AR-1260-1

R.T.: 8.093 min
Delta R.T.: -0.014 min
Response: 79726181
Conc: 255.27 ng/ml



#31 AR-1260-1

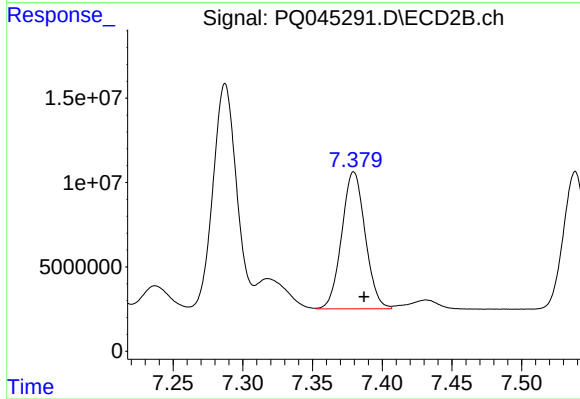
R.T.: 7.184 min
Delta R.T.: -0.007 min
Response: 114363567
Conc: 373.28 ng/ml



#32 AR-1260-2

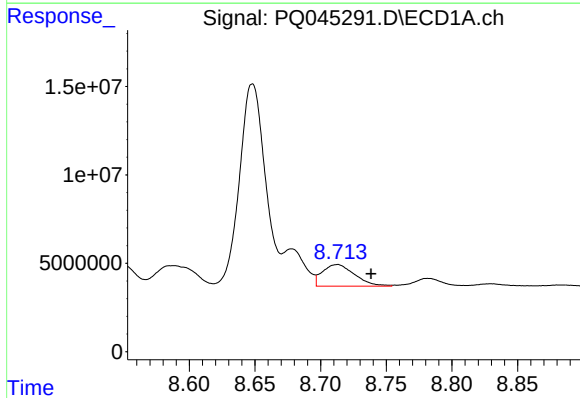
R.T.: 8.356 min
Delta R.T.: -0.014 min
Response: 89013399
Conc: 217.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254328



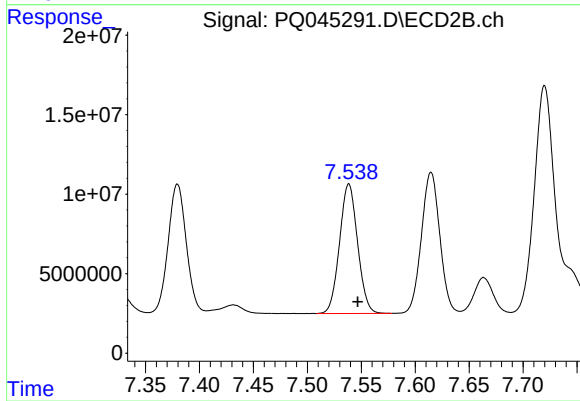
#32 AR-1260-2

R.T.: 7.380 min
Delta R.T.: -0.007 min
Response: 95183523
Conc: 241.06 ng/ml



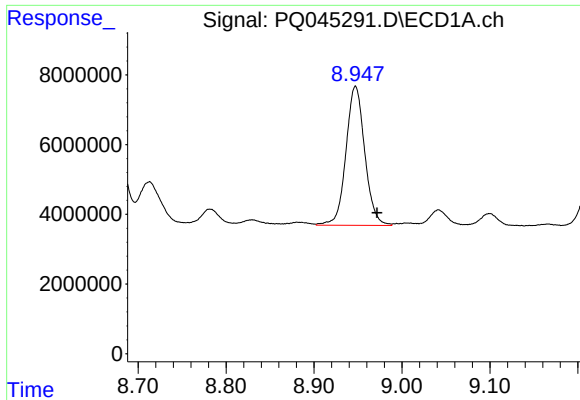
#33 AR-1260-3

R.T.: 8.713 min
Delta R.T.: -0.026 min
Response: 20904712
Conc: 64.03 ng/ml



#33 AR-1260-3

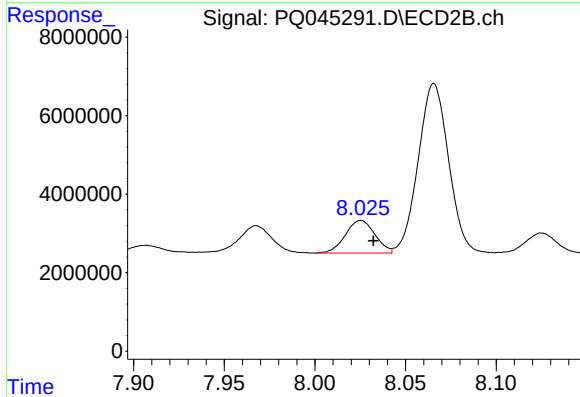
R.T.: 7.539 min
Delta R.T.: -0.008 min
Response: 94947193
Conc: 277.15 ng/ml



#34 AR-1260-4

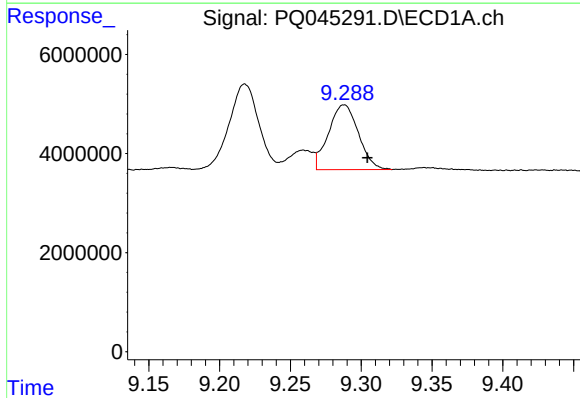
R.T.: 8.947 min
Delta R.T.: -0.025 min
Response: 59300175
Conc: 155.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254328



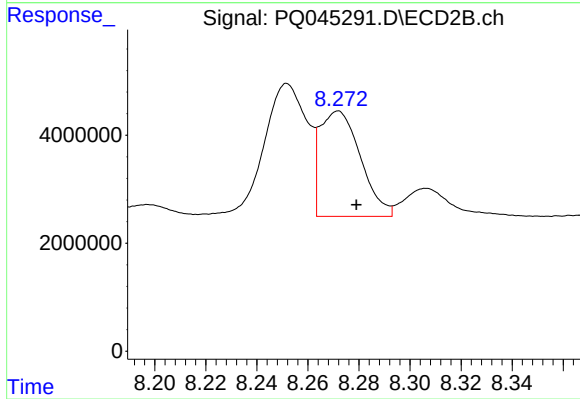
#34 AR-1260-4

R.T.: 8.025 min
Delta R.T.: -0.007 min
Response: 9461872
Conc: 30.85 ng/ml



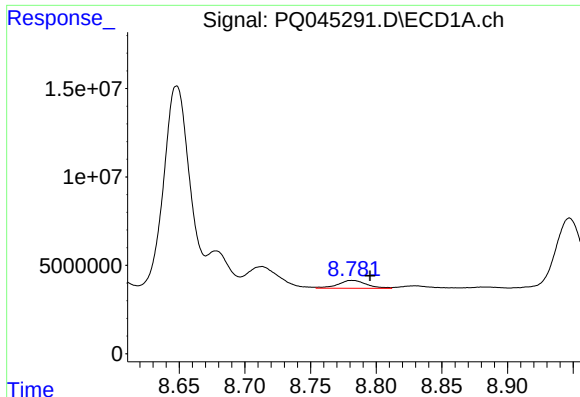
#35 AR-1260-5

R.T.: 9.288 min
Delta R.T.: -0.016 min
Response: 19281935
Conc: 25.05 ng/ml



#35 AR-1260-5

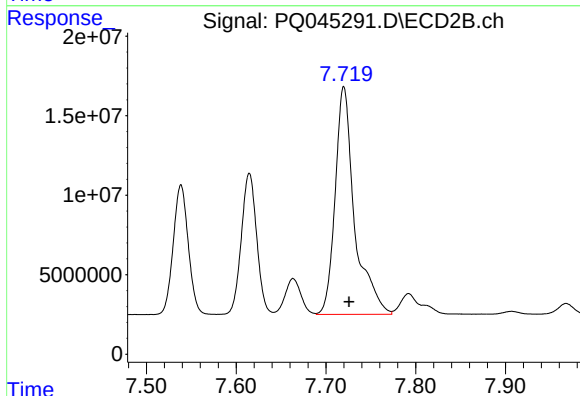
R.T.: 8.272 min
Delta R.T.: -0.007 min
Response: 21605948
Conc: 27.61 ng/ml



#36 AR-1262-1

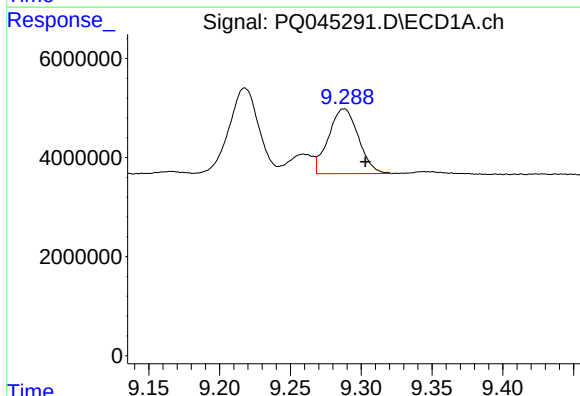
R.T.: 8.782 min
Delta R.T.: -0.014 min
Response: 6782653
Conc: 32.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254328



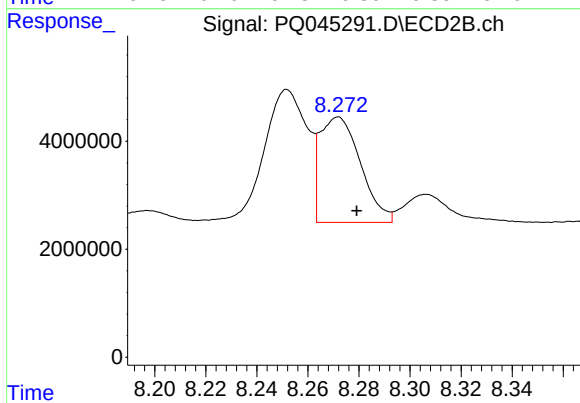
#36 AR-1262-1

R.T.: 7.720 min
Delta R.T.: -0.006 min
Response: 215375975
Conc: 850.97 ng/ml



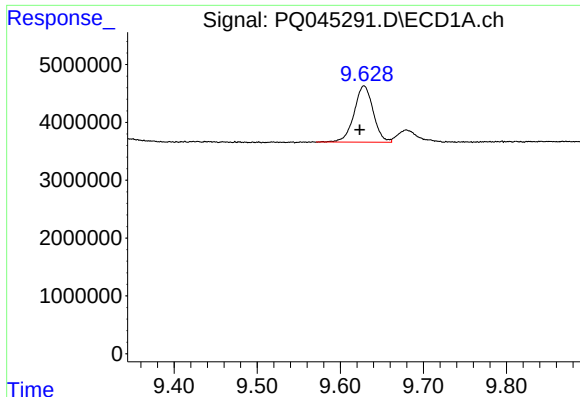
#37 AR-1262-2

R.T.: 9.288 min
Delta R.T.: -0.015 min
Response: 19281935
Conc: 21.35 ng/ml



#37 AR-1262-2

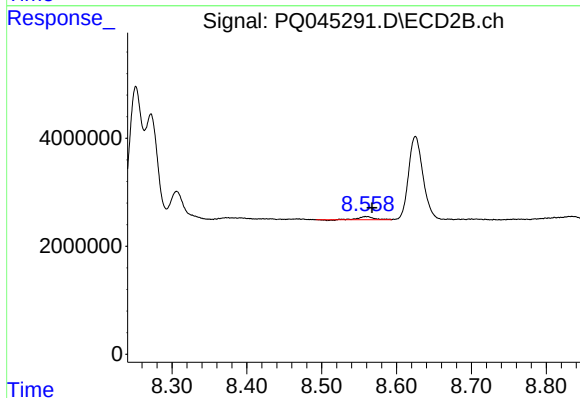
R.T.: 8.272 min
Delta R.T.: -0.007 min
Response: 21605948
Conc: 21.90 ng/ml



#38 AR-1262-3

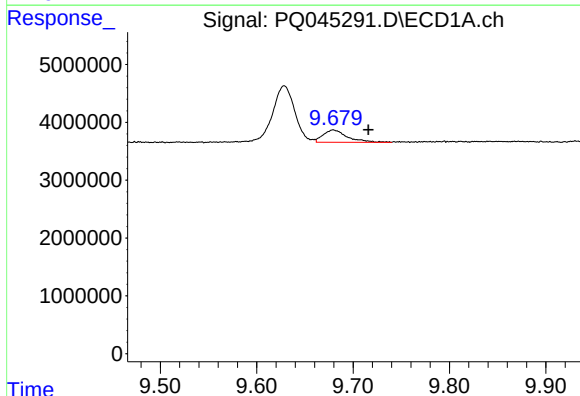
R.T.: 9.629 min
Delta R.T.: 0.005 min
Response: 15504981
Conc: 25.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254328



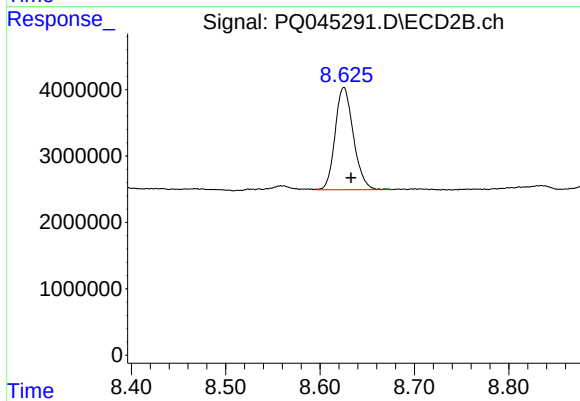
#38 AR-1262-3

R.T.: 8.559 min
Delta R.T.: -0.009 min
Response: 780069
Conc: 2.02 ng/ml



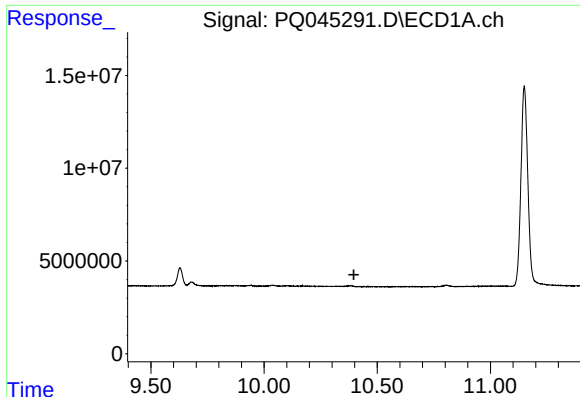
#39 AR-1262-4

R.T.: 9.679 min
Delta R.T.: -0.036 min
Response: 3673867
Conc: 8.09 ng/ml



#39 AR-1262-4

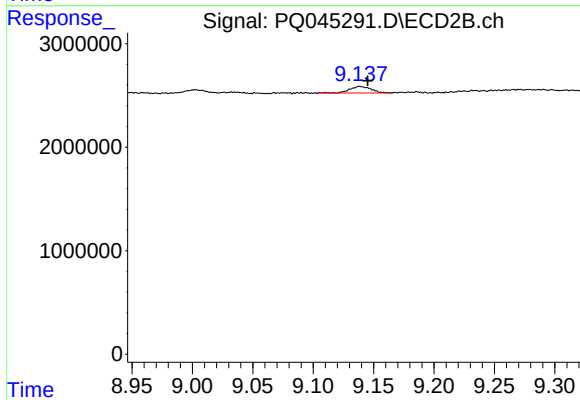
R.T.: 8.625 min
Delta R.T.: -0.008 min
Response: 20719850
Conc: 28.12 ng/ml



#40 AR-1262-5

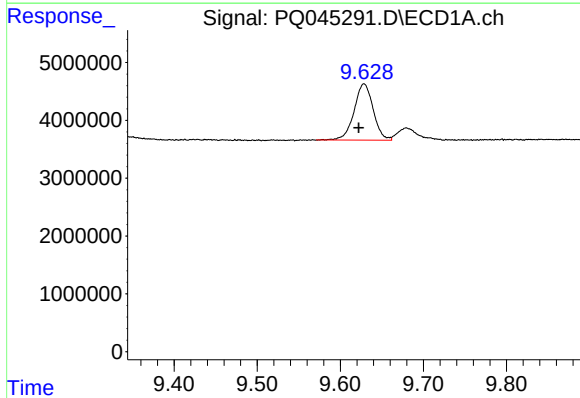
R.T.: 0.000 min
Exp R.T.: 10.397 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254328



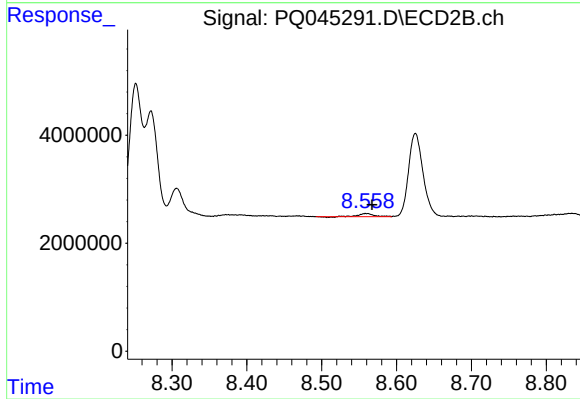
#40 AR-1262-5

R.T.: 9.139 min
Delta R.T.: -0.007 min
Response: 778673
Conc: 2.24 ng/ml



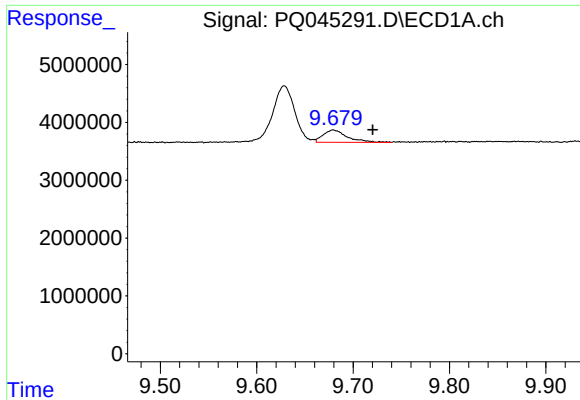
#41 AR-1268-1

R.T.: 9.629 min
Delta R.T.: 0.006 min
Response: 15504981
Conc: 13.88 ng/ml



#41 AR-1268-1

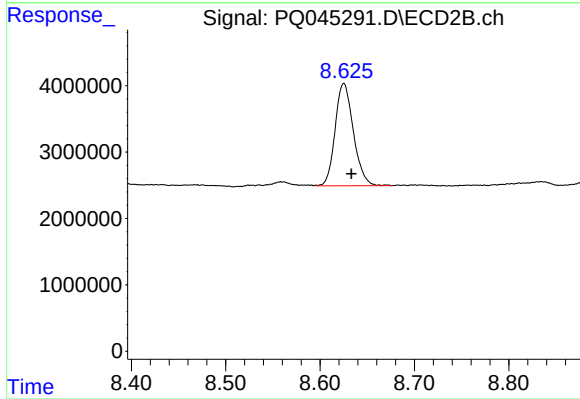
R.T.: 8.559 min
Delta R.T.: -0.008 min
Response: 780069
Conc: 0.65 ng/ml



#42 AR-1268-2

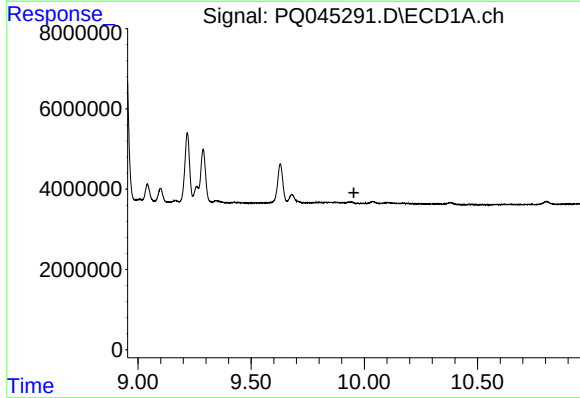
R.T.: 9.679 min
Delta R.T.: -0.041 min
Response: 3673867
Conc: 3.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254328



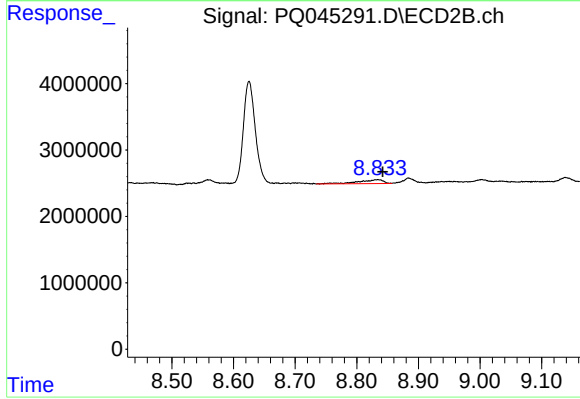
#42 AR-1268-2

R.T.: 8.625 min
Delta R.T.: -0.008 min
Response: 20719850
Conc: 18.61 ng/ml



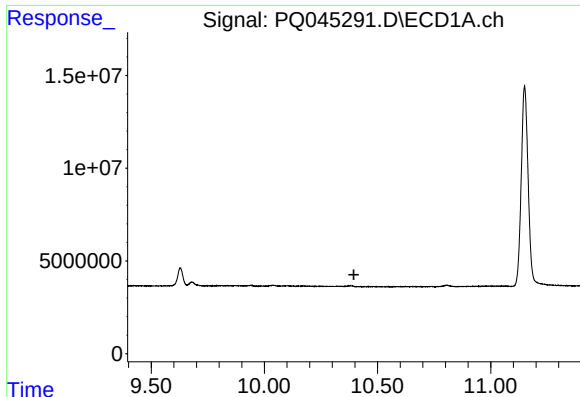
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.954 min
Response: 0
Conc: N.D.



#43 AR-1268-3

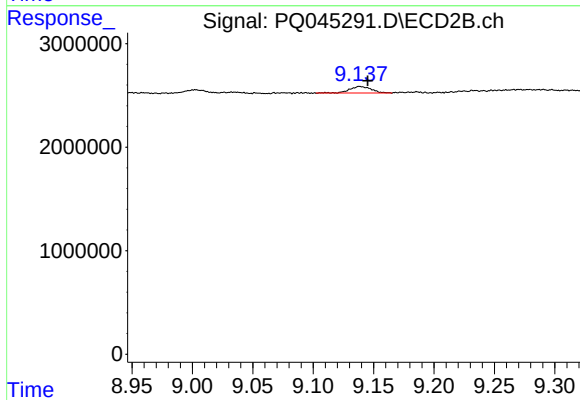
R.T.: 8.834 min
Delta R.T.: -0.008 min
Response: 1595017
Conc: 1.71 ng/ml



#44 AR-1268-4

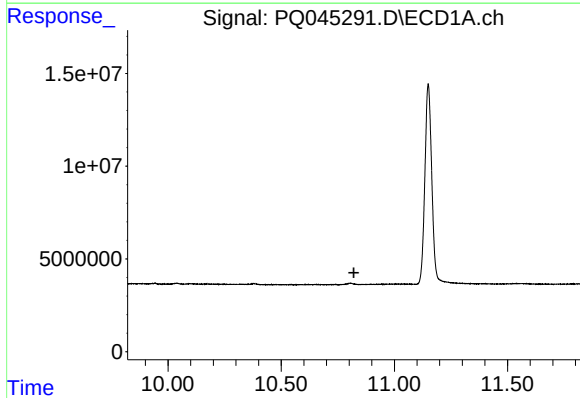
R.T.: 0.000 min
Exp R.T. : 10.395 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254328



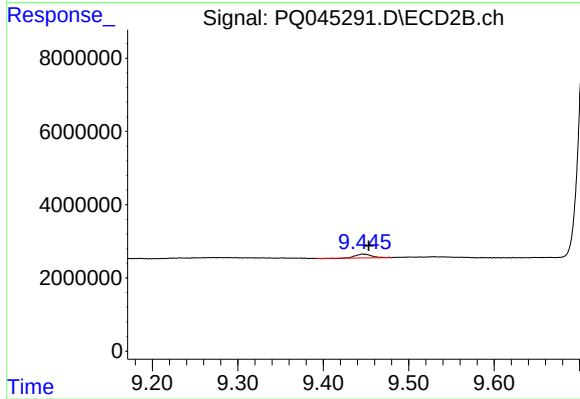
#44 AR-1268-4

R.T.: 9.139 min
Delta R.T.: -0.006 min
Response: 778673
Conc: 1.93 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.821 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.446 min
Delta R.T.: -0.007 min
Response: 1286424
Conc: 0.43 ng/ml